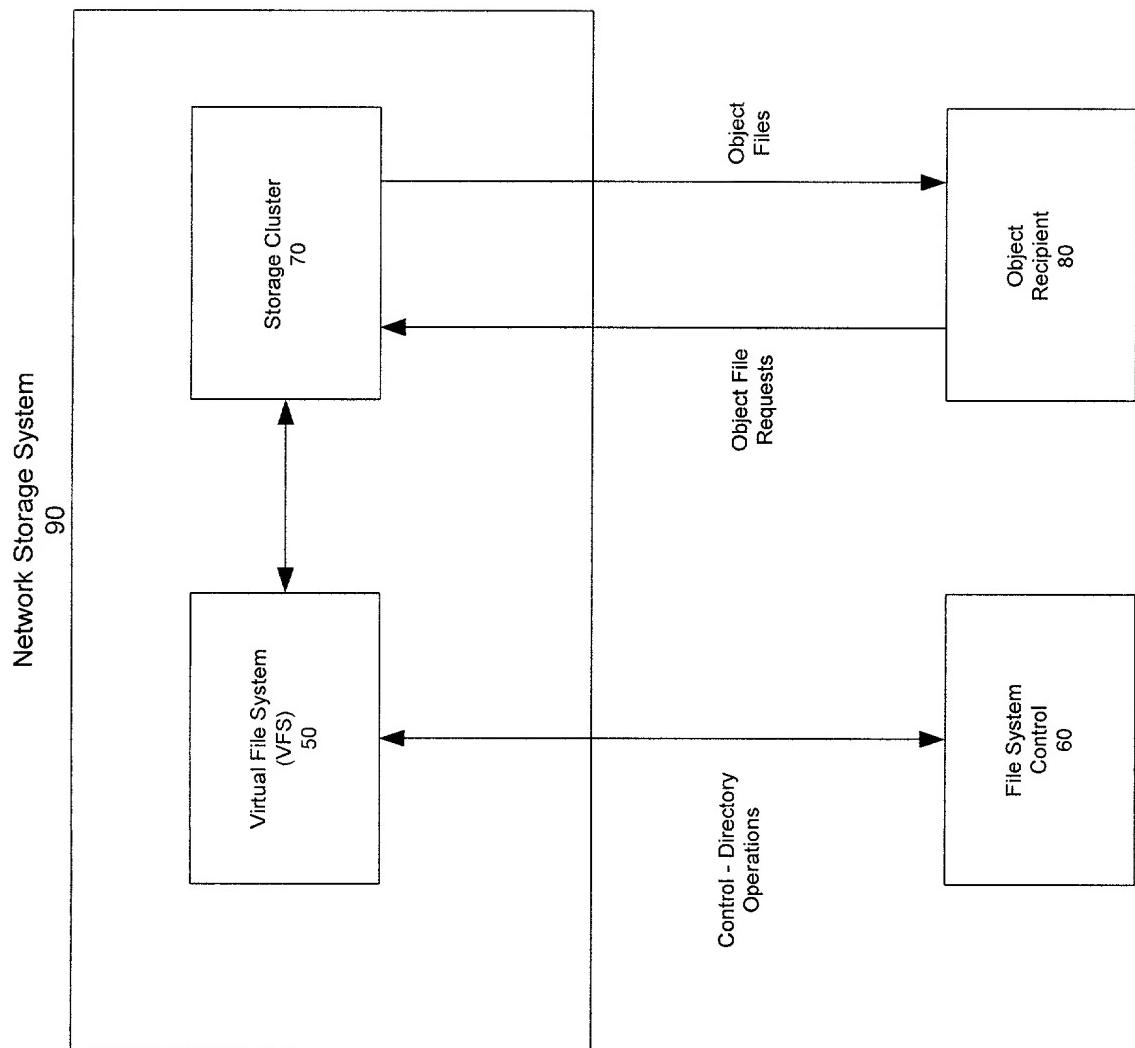


Figure 1



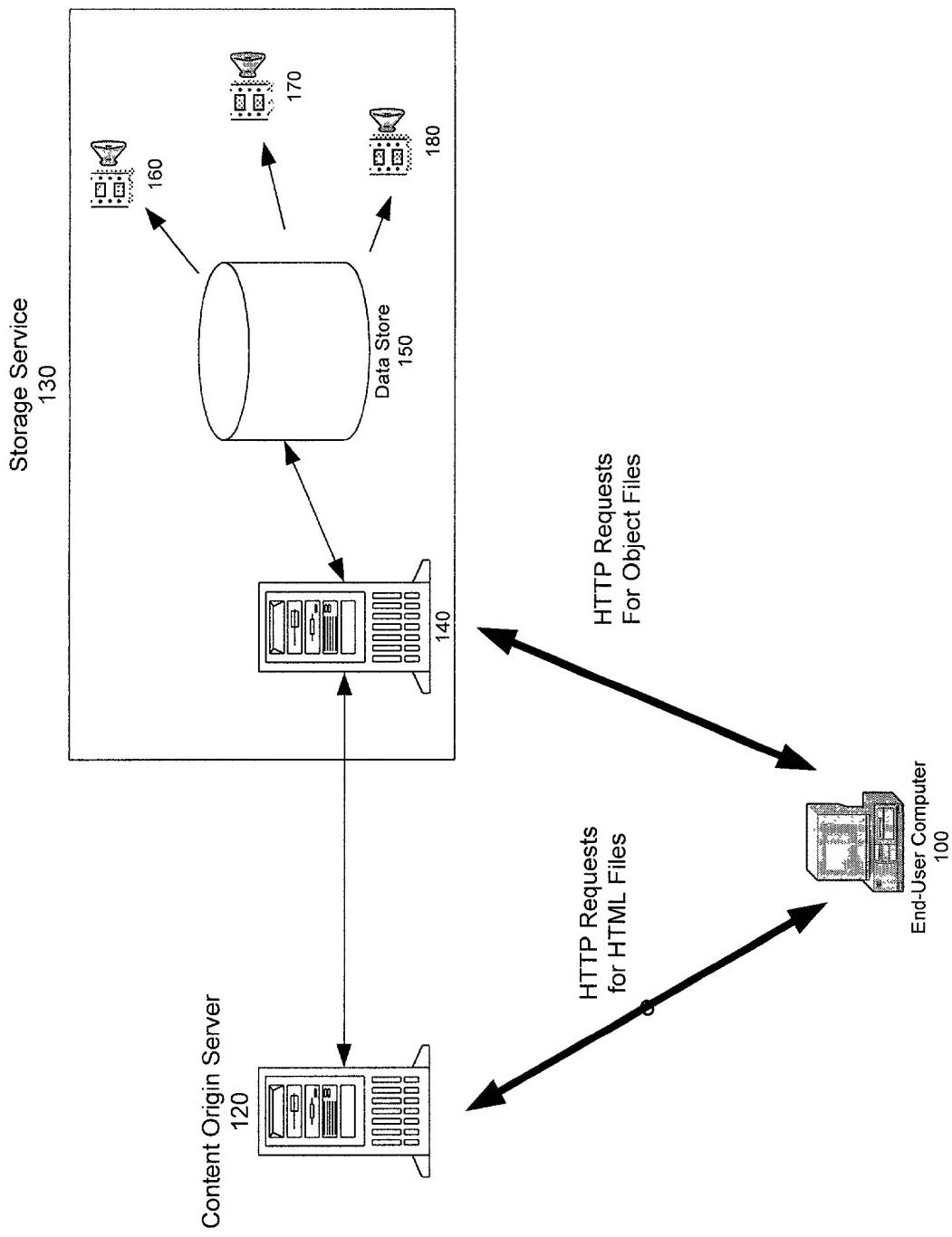


Figure 2

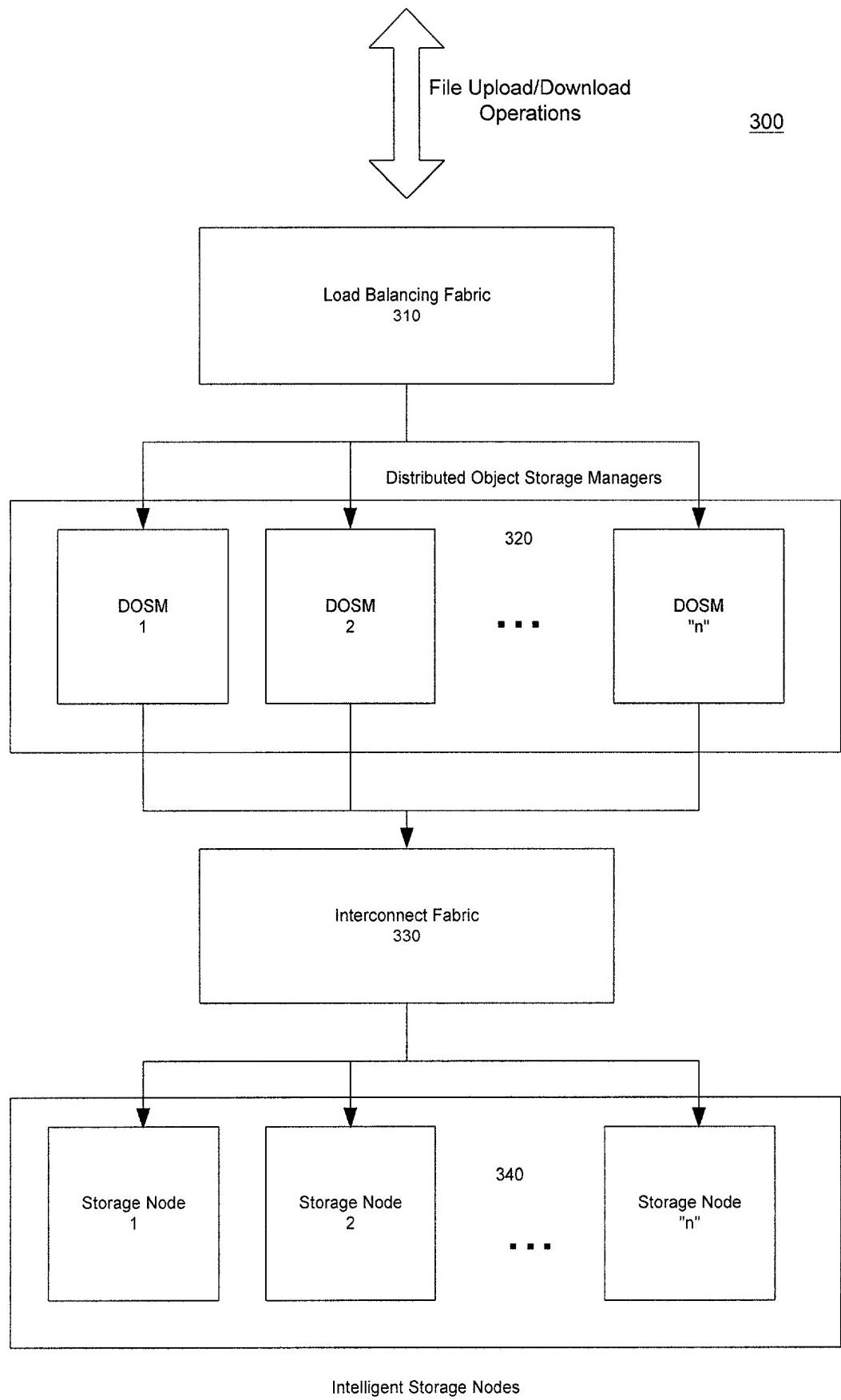
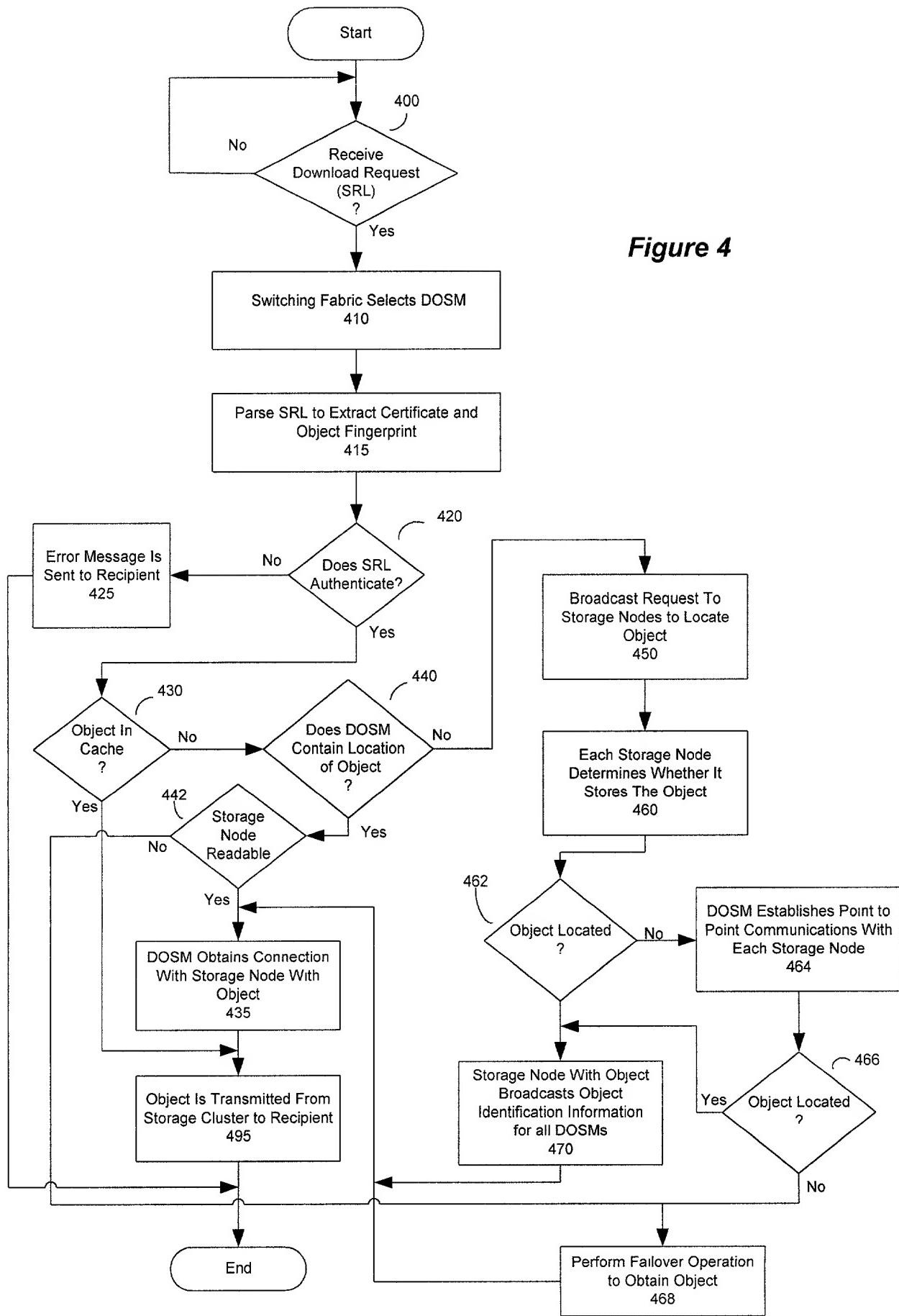


Figure 3

Figure 4



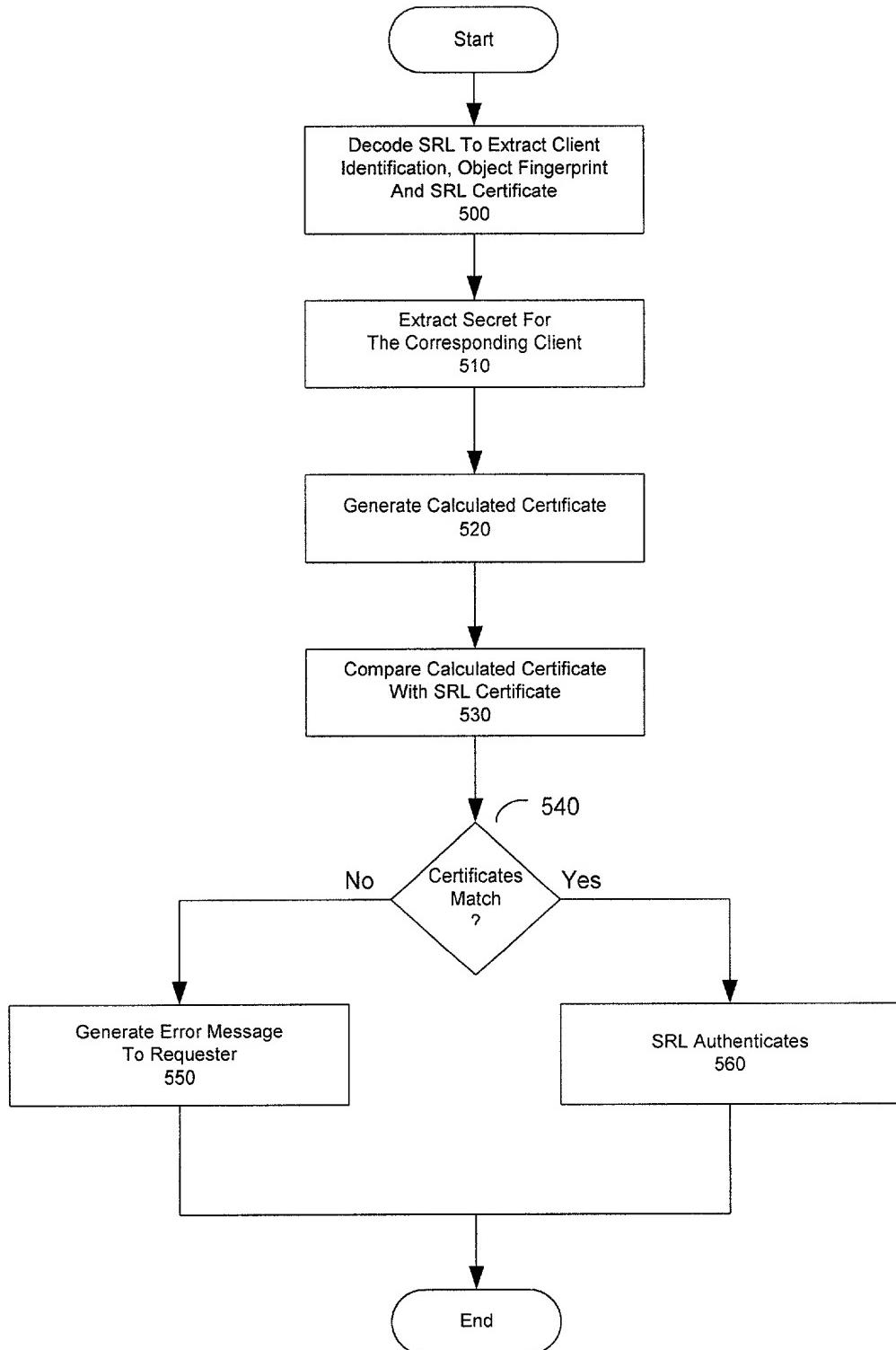


Figure 5

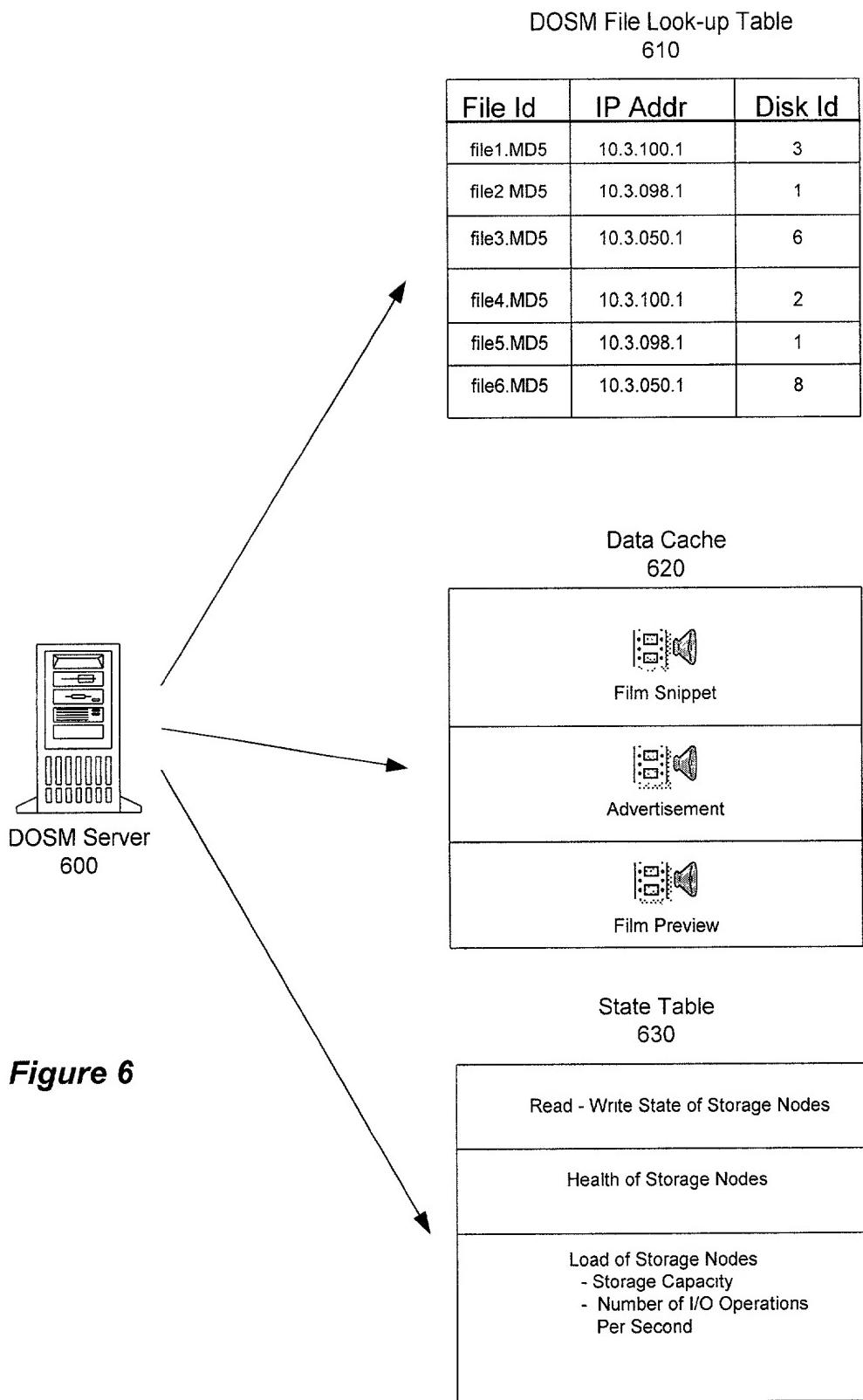
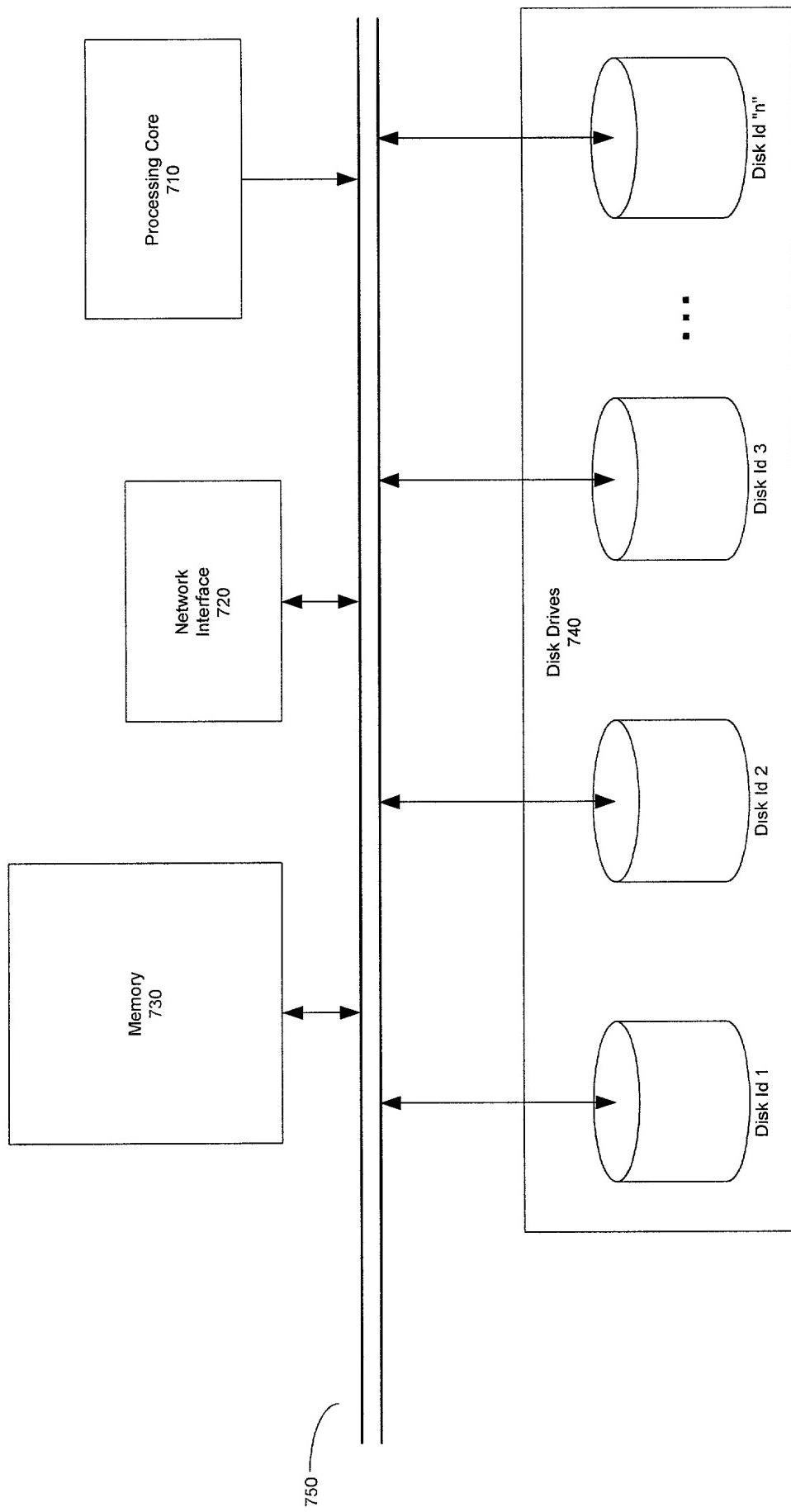


Figure 7



700

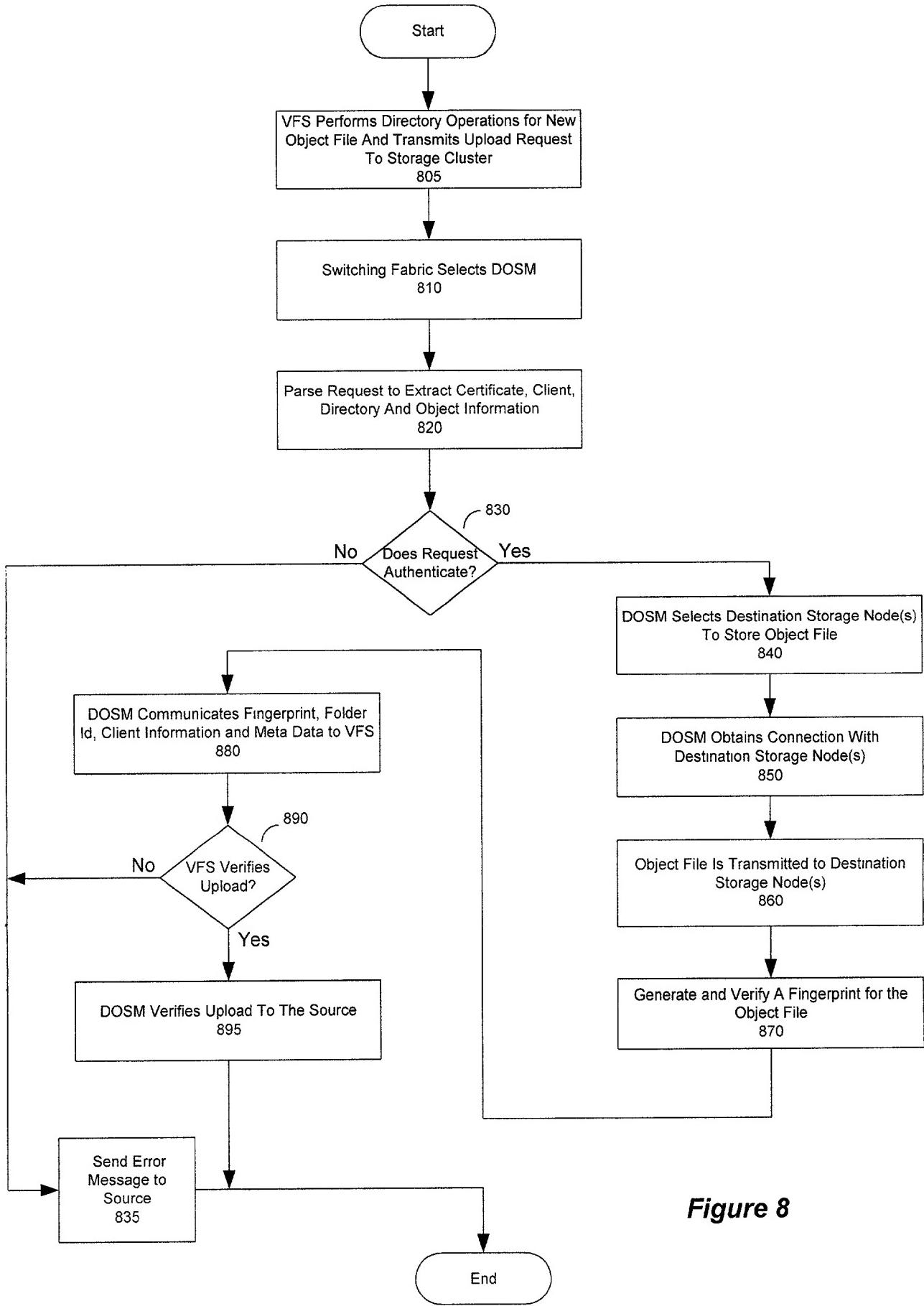


Figure 8

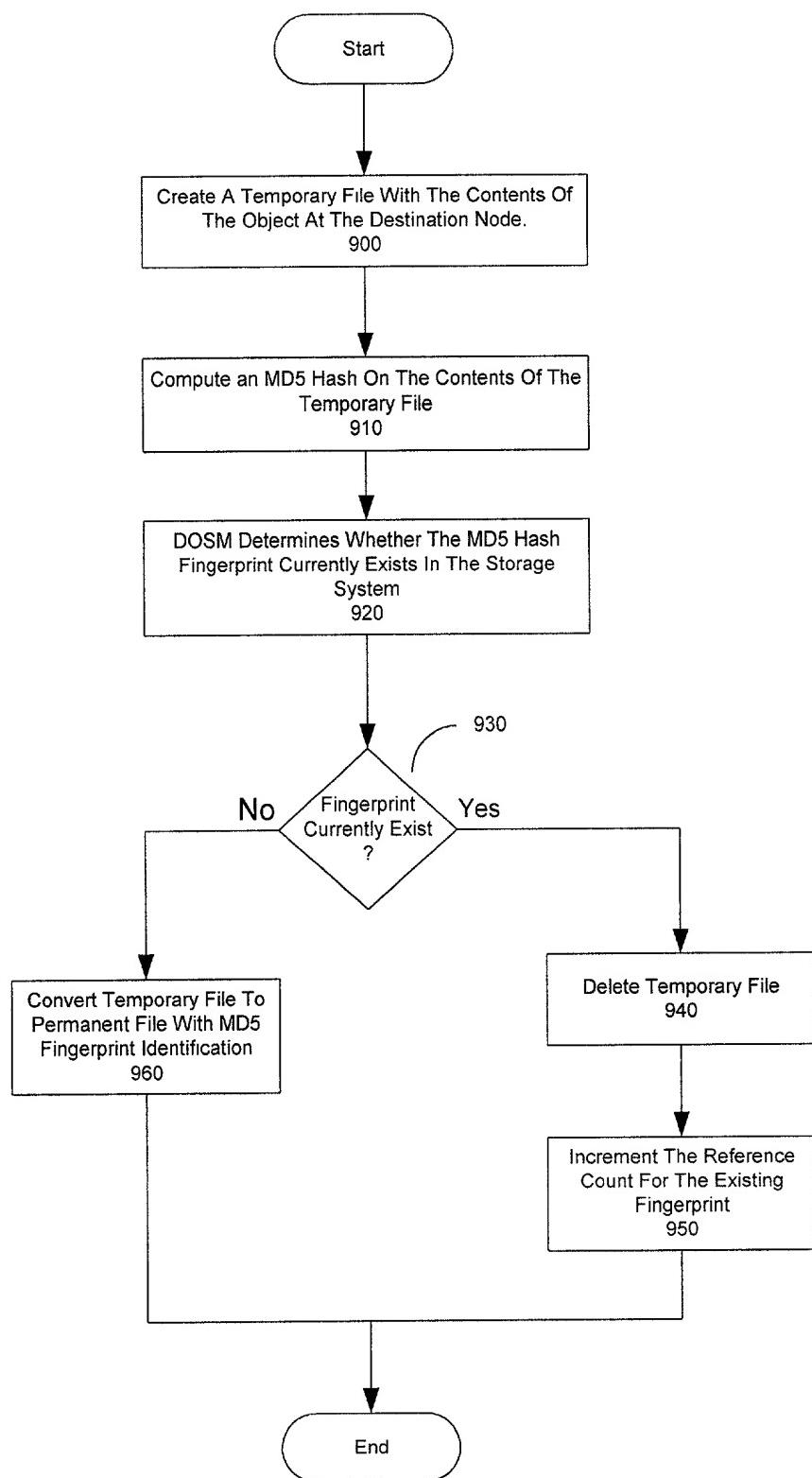


Figure 9

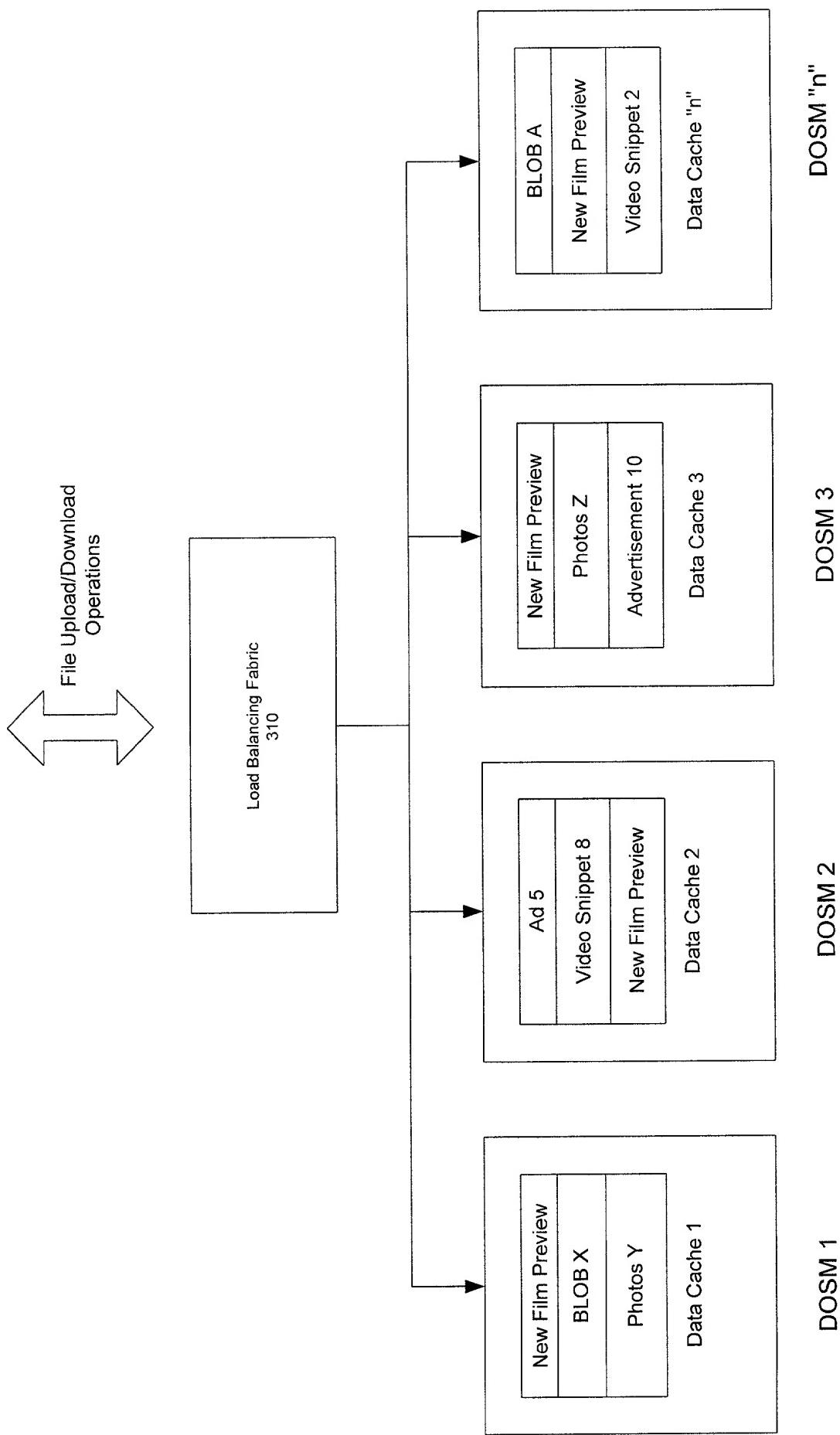
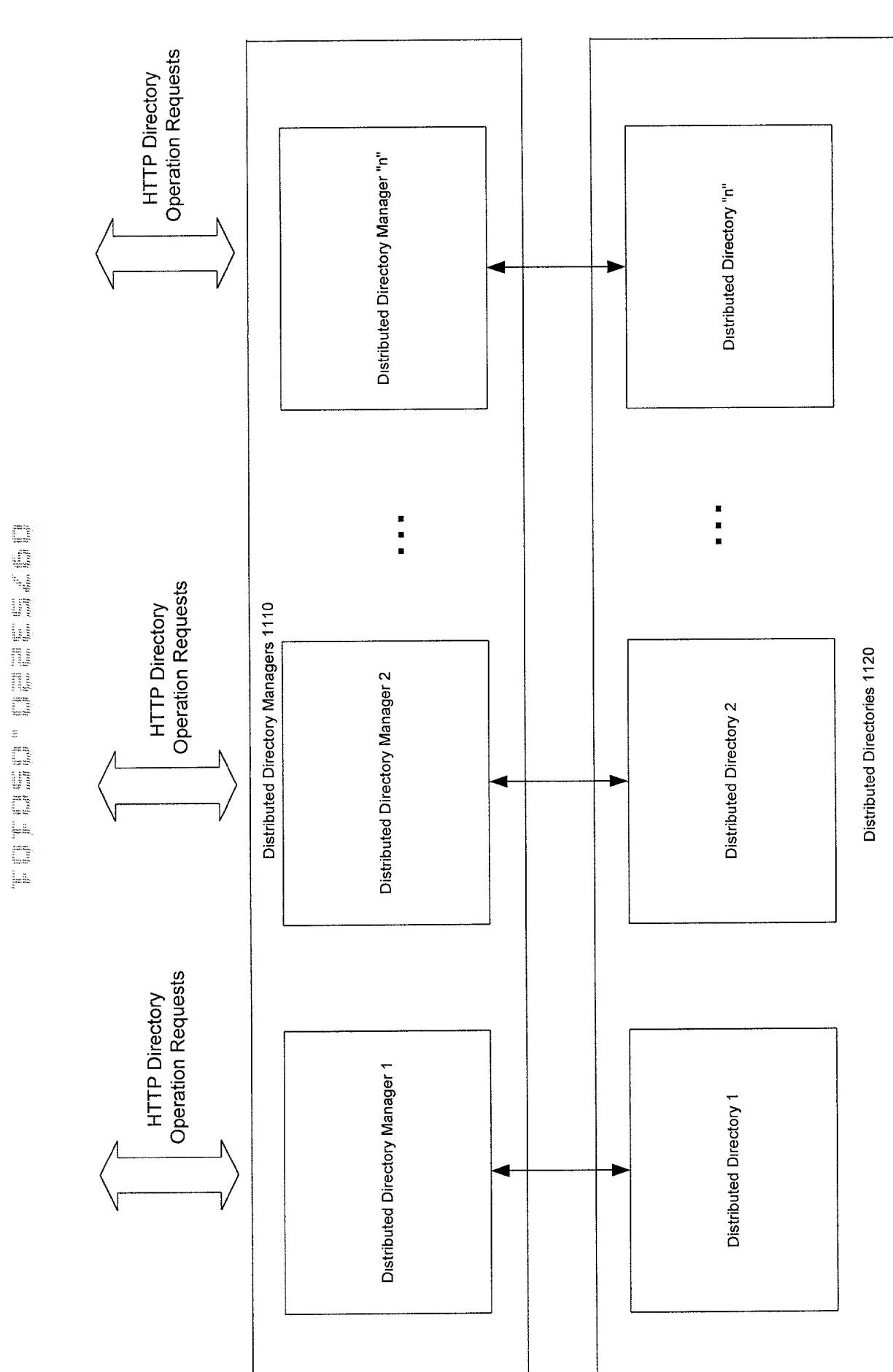


Figure 10



1100

Figure 11

Distributed Directory 1

Distributed Directory 2

Distributed Directory "n"

Distributed Directories 1120

Distributed Directory Managers 1110

Distributed Directory Manager 1

Distributed Directory Manager 2

Distributed Directory Manager "n"

HTTP Directory
Operation Requests

HTTP Directory
Operation Requests

HTTP Directory
Operation Requests

Customer Table

	Customer Name	Customer Reserved Fields
	Customer A	[Customer stores data ...]
	Customer B	[Customer stores data ...]
	Customer C	[Customer stores data ...]
	Customer D	[Customer stores data ...]

1200

Folder Table

Customer Id	Folder Id	Folder Parent Id	Metadata
3	2	-	[Reserved]
3	100	2	[Reserved]
3	251	2	[Reserved]
3	166	251	[Reserved]

1210

File Table

Customer Id	File Handle	Folder Id	Folder Parent Id	Metadata
3	52.MD5	100	2	[Reserved]
3	55.MD5	100	2	[Reserved]
3	99.MD5	166	251	[Reserved]
3	67.MD5	166	251	[Reserved]

1220

Figure 12

1300
1310
1320
1325
1330
1340
1350
1360
1370
1385
1390

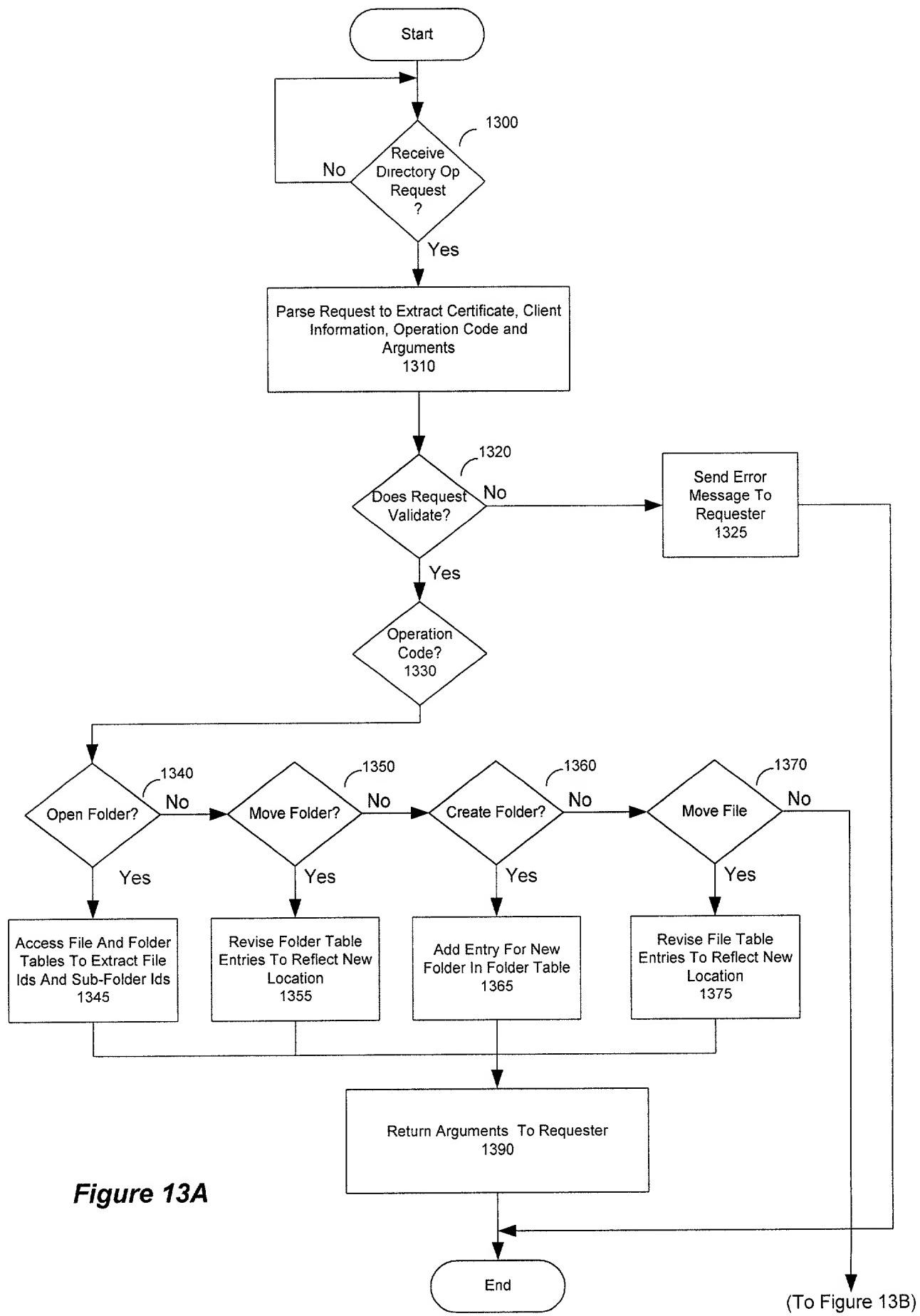


Figure 13A

(To Figure 13B)

(From Figure 13A)

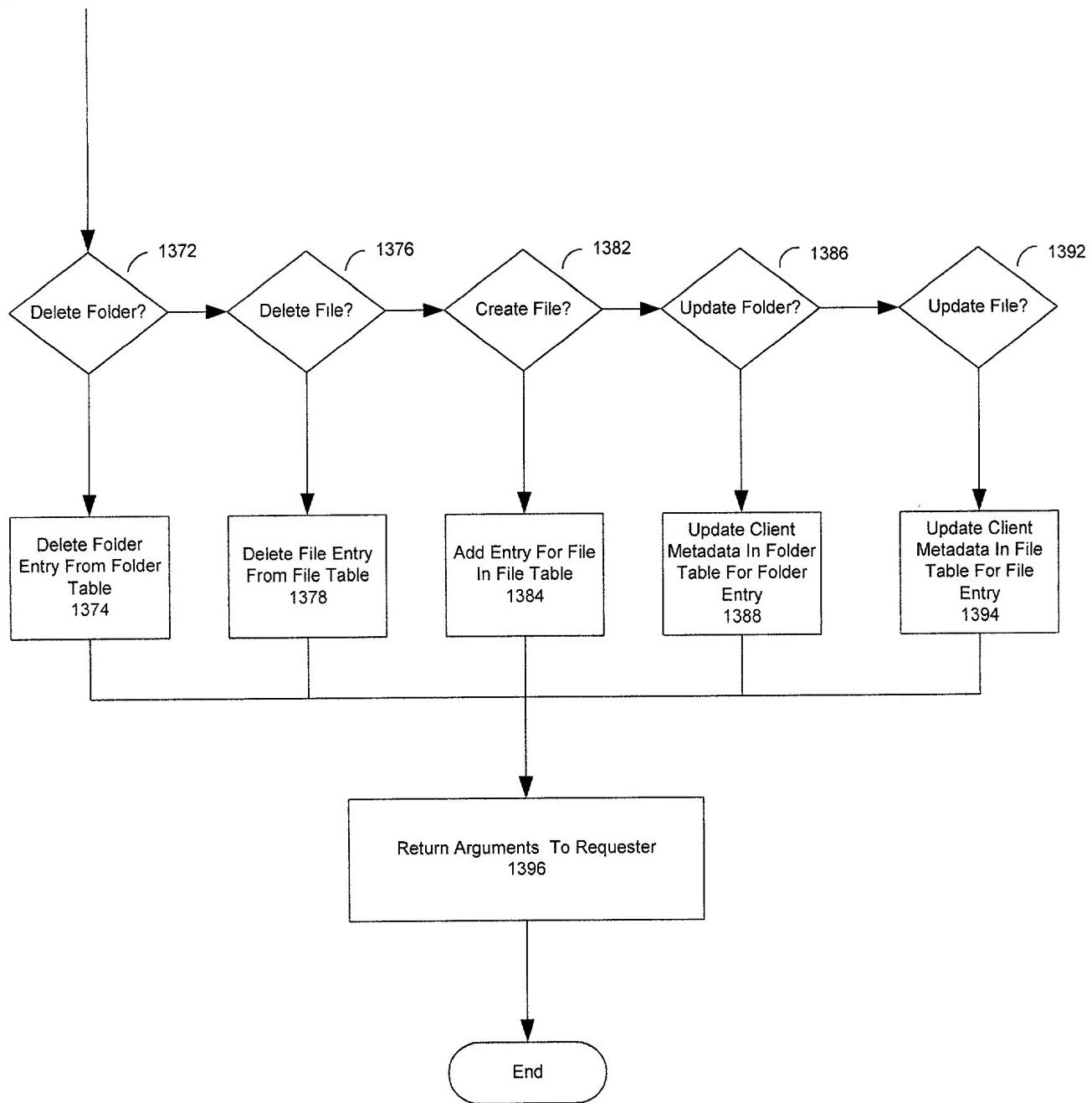


Figure 13B

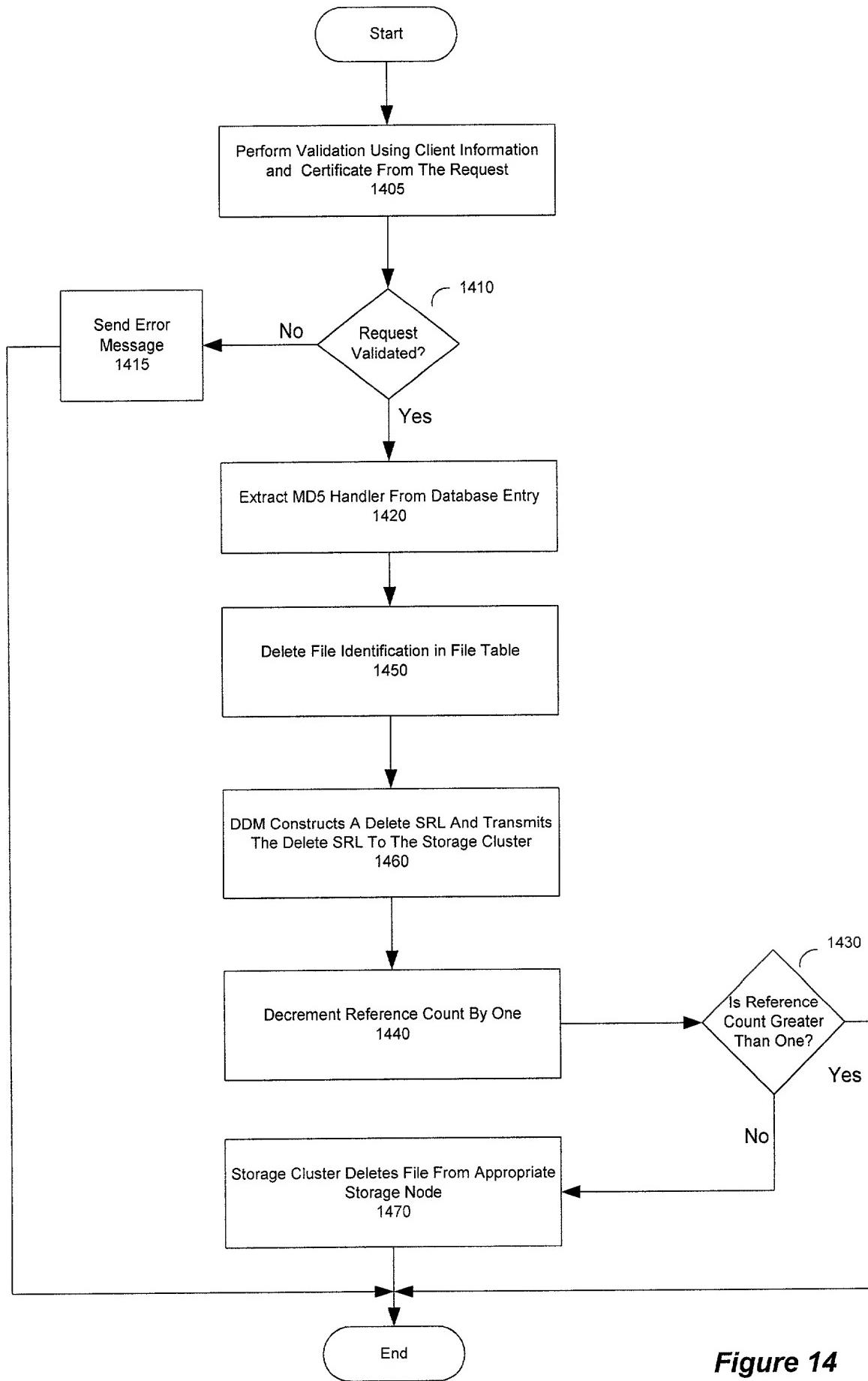


Figure 14

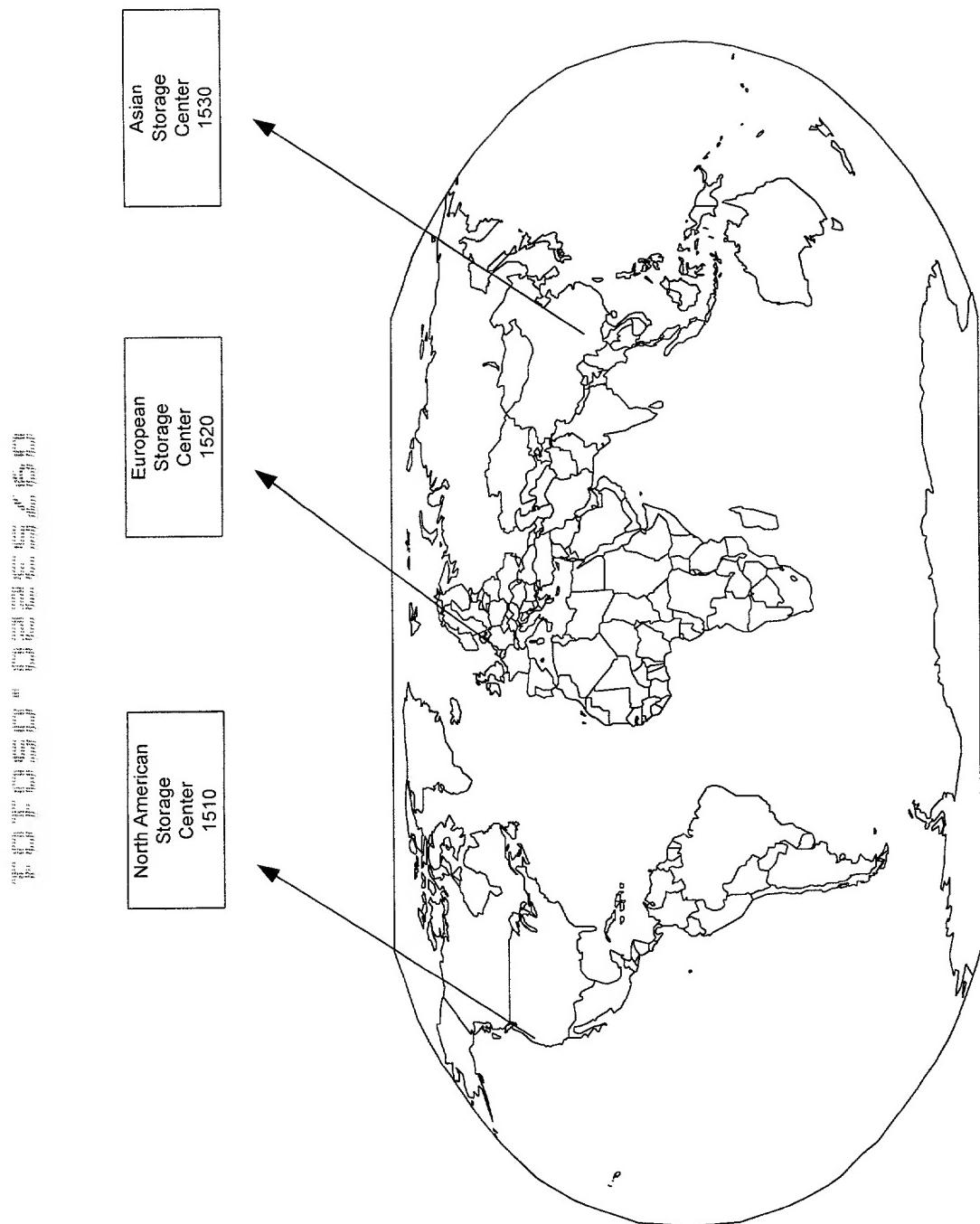
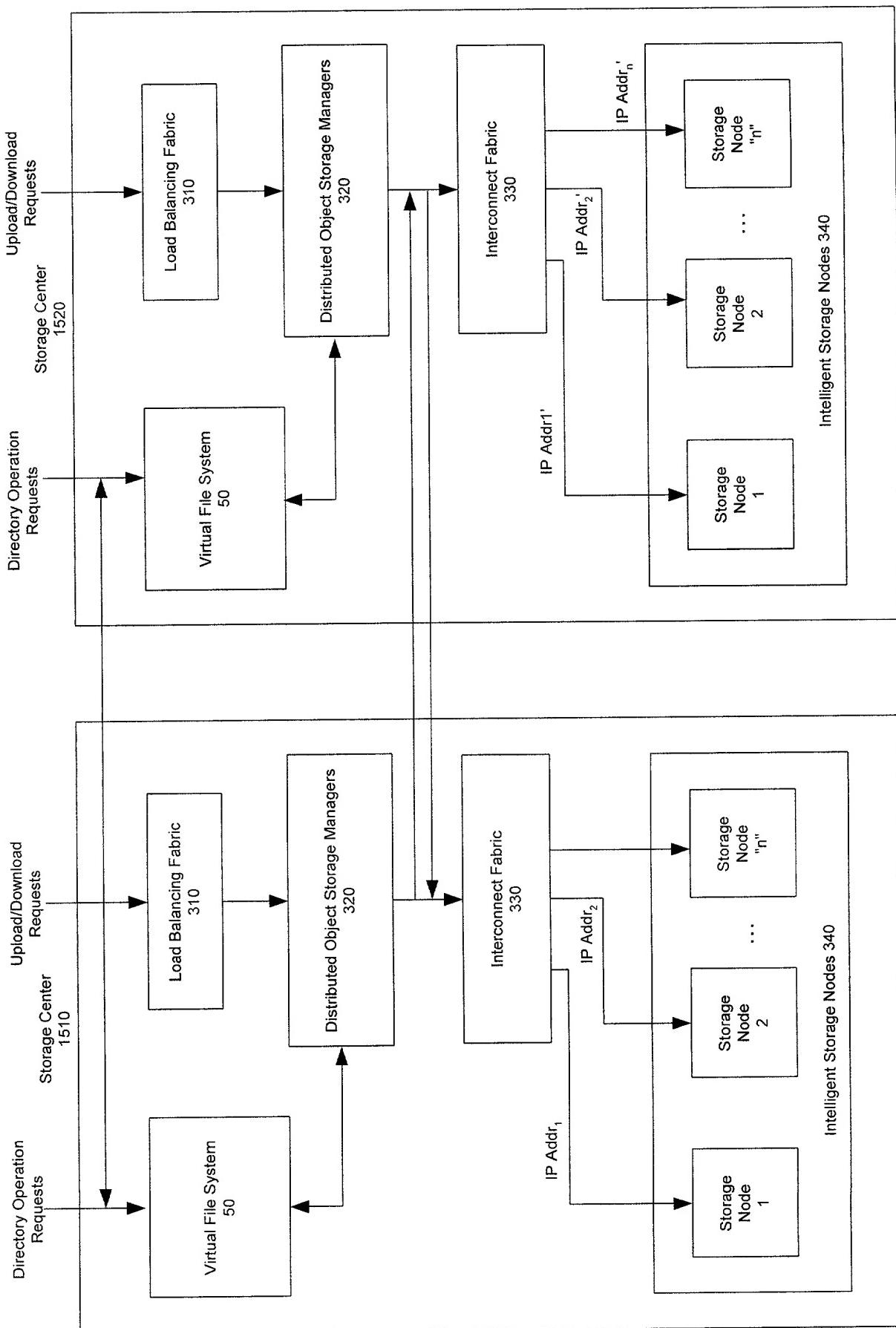


Figure 15

Figure 16



1760 Satellite
1760 Satellite dish
1780 Optical Switch
1770 Comm. Tower
1730 Storage Center(s)
1730 CDN Server
1720 Content Origin Web Server
1740 End-User Computer

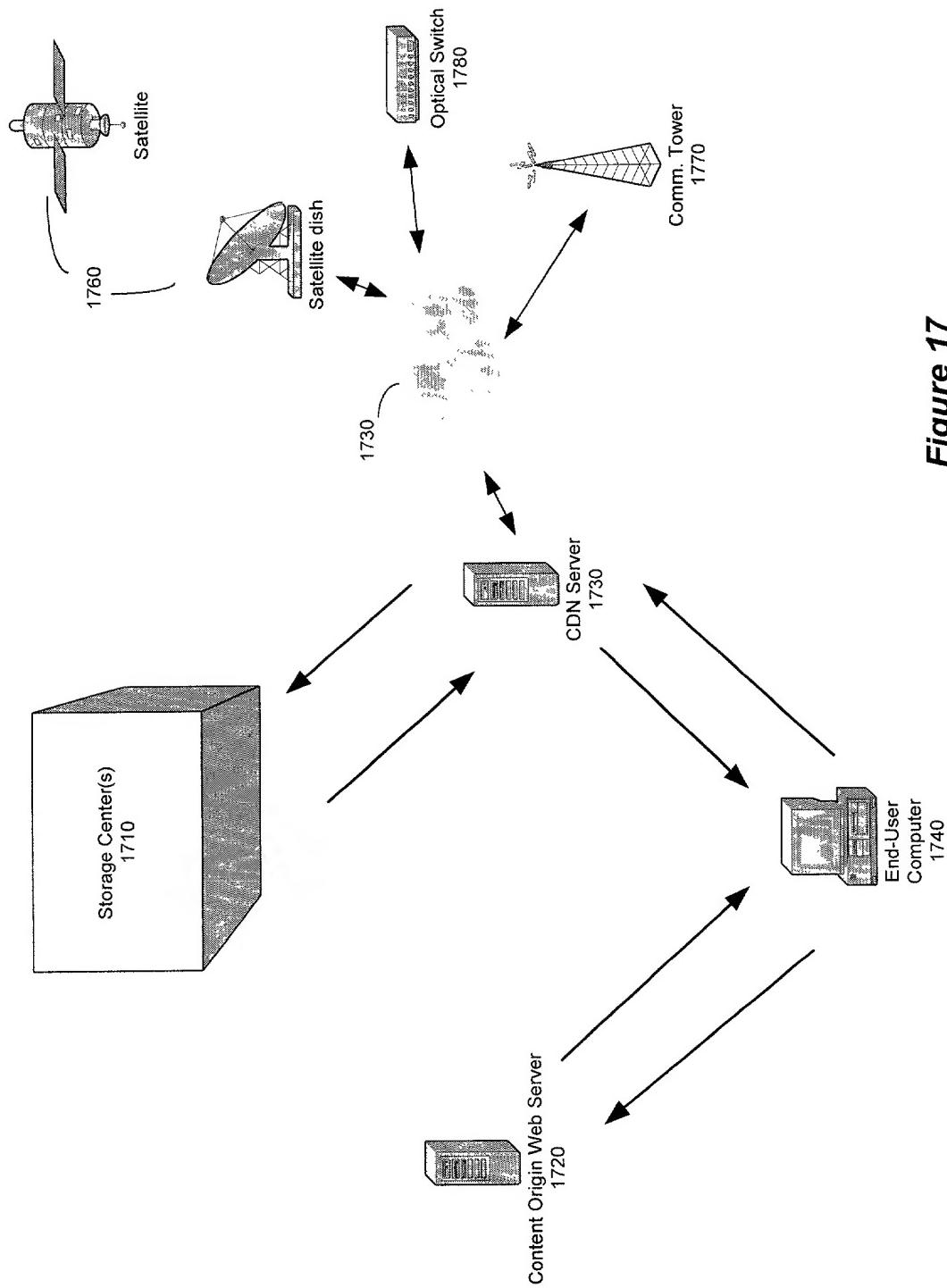


Figure 17

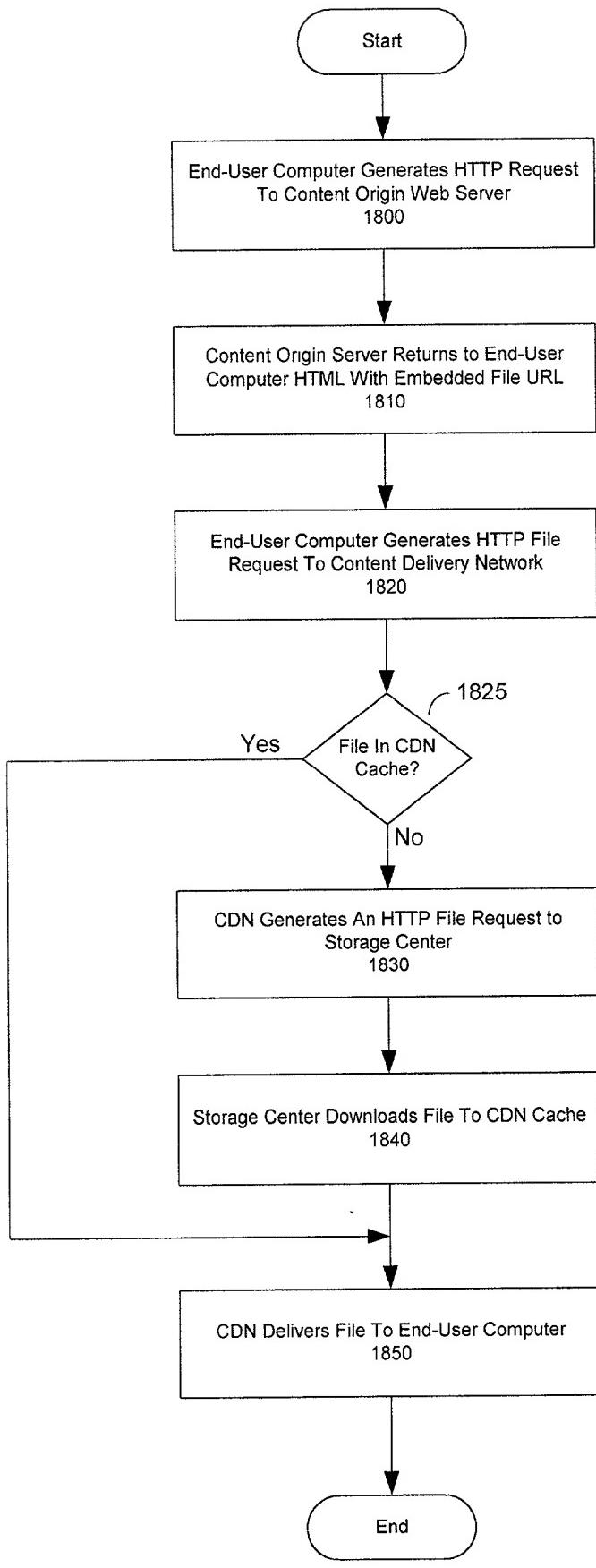


Figure 18

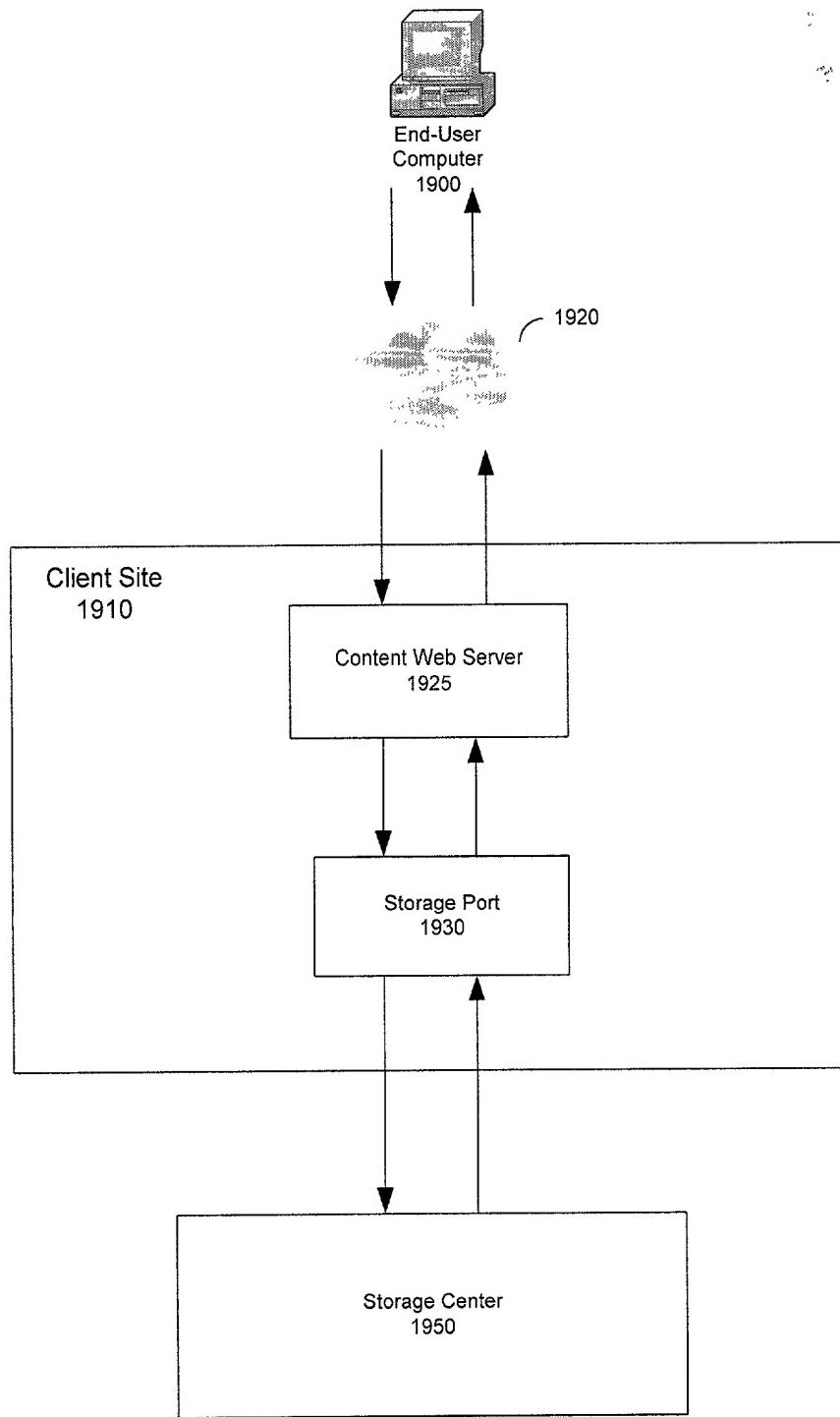


Figure 19

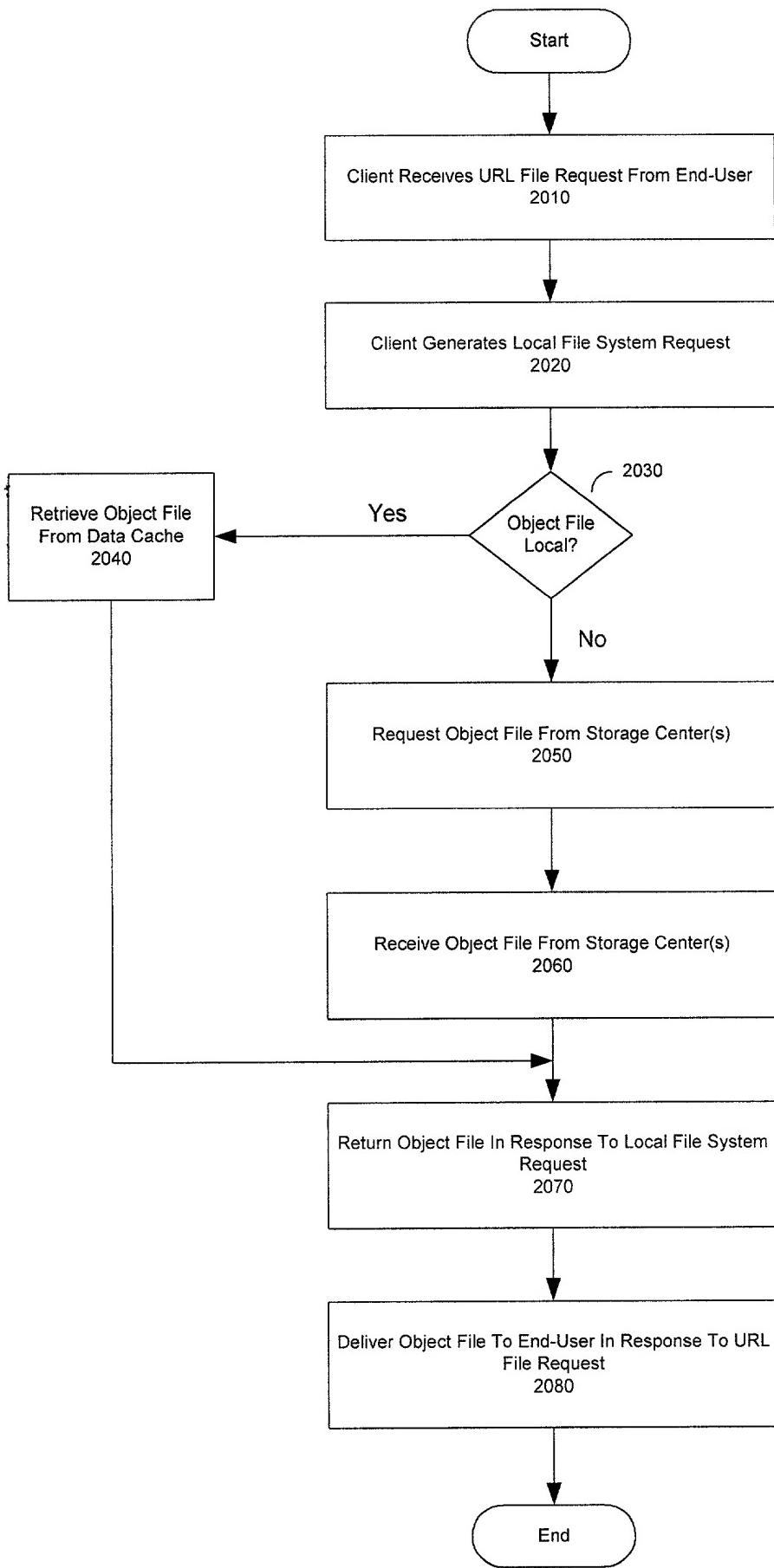


Figure 20

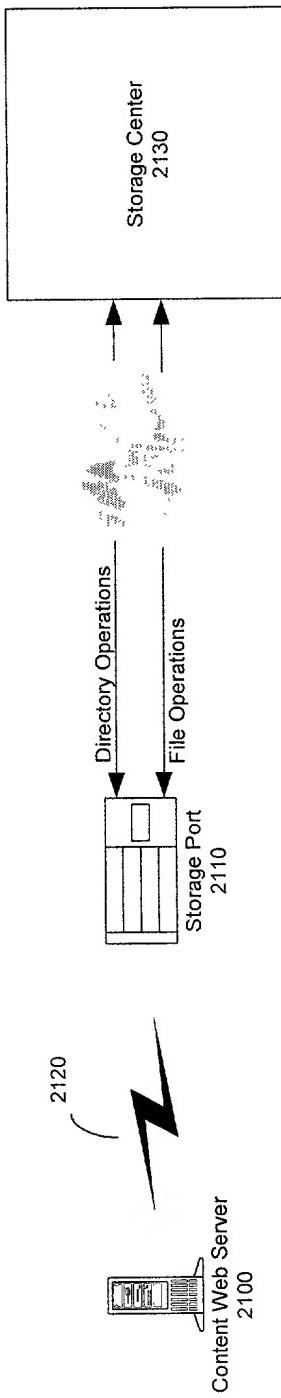


Figure 21a

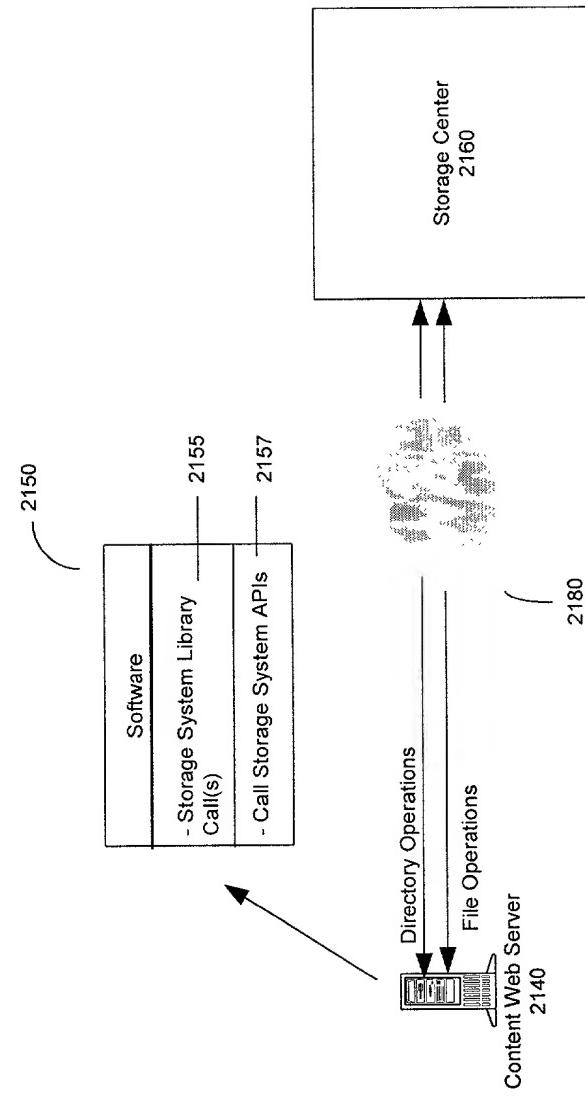


Figure 21b

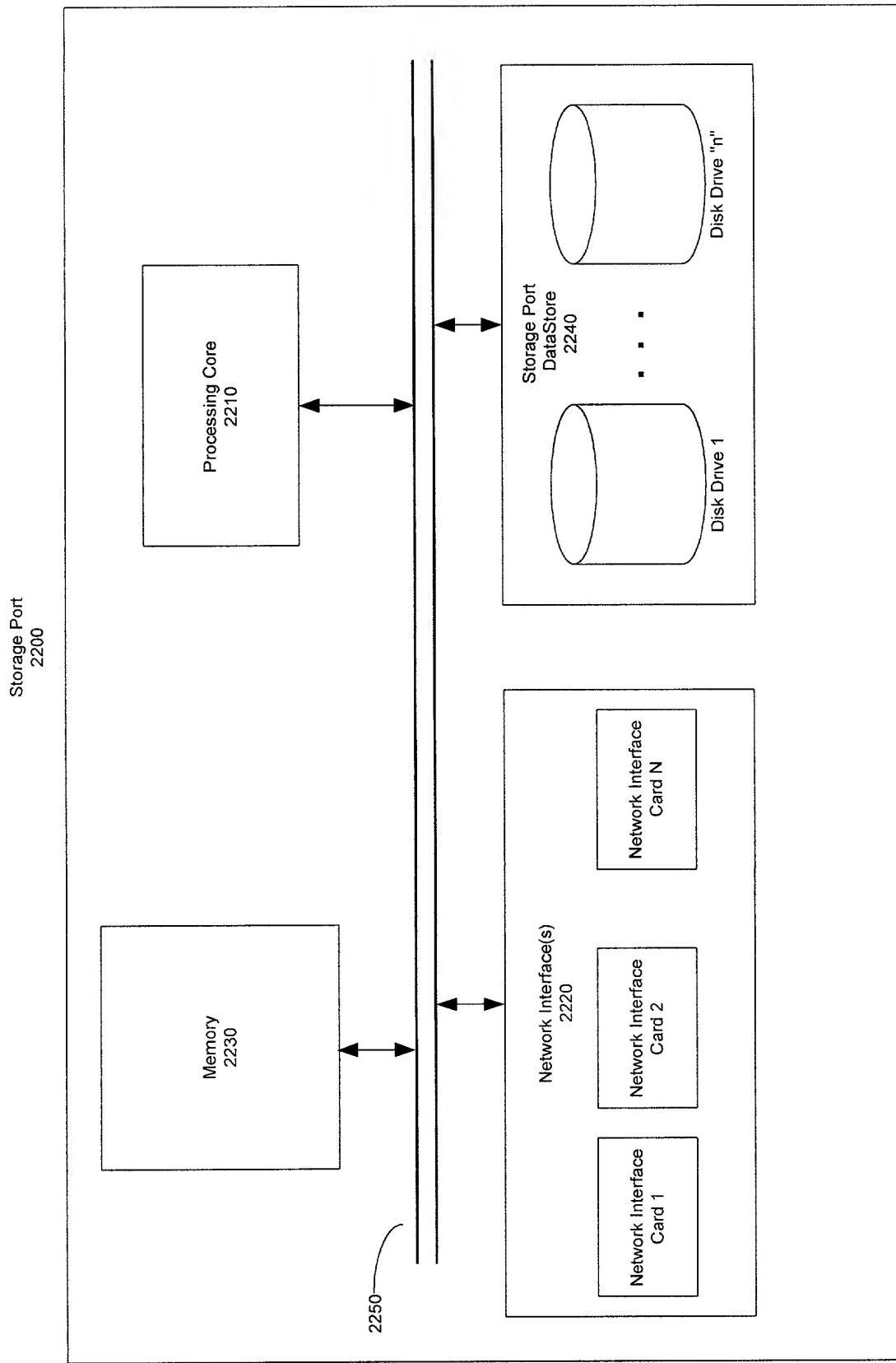


Figure 22

2300

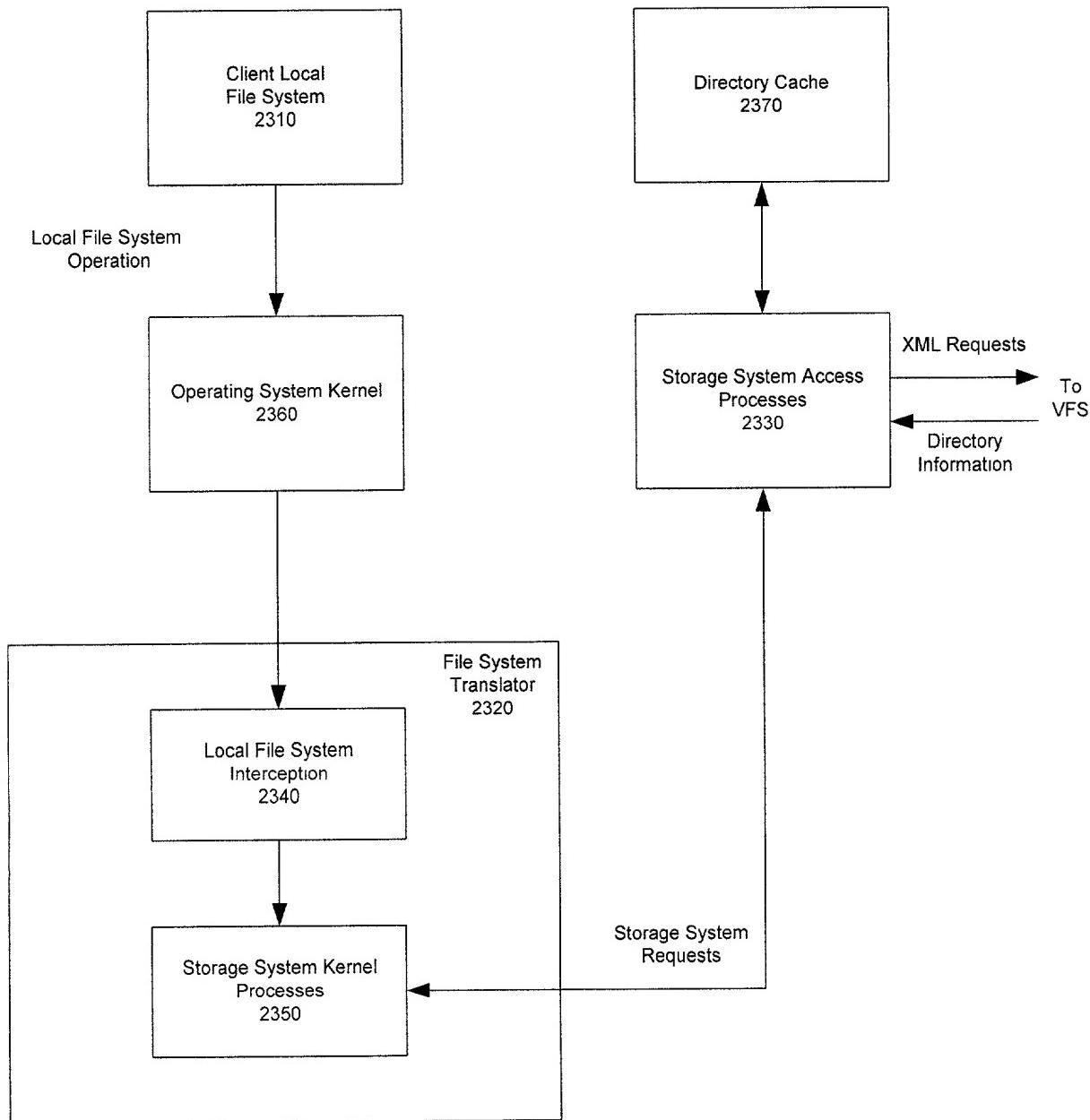


Figure 23

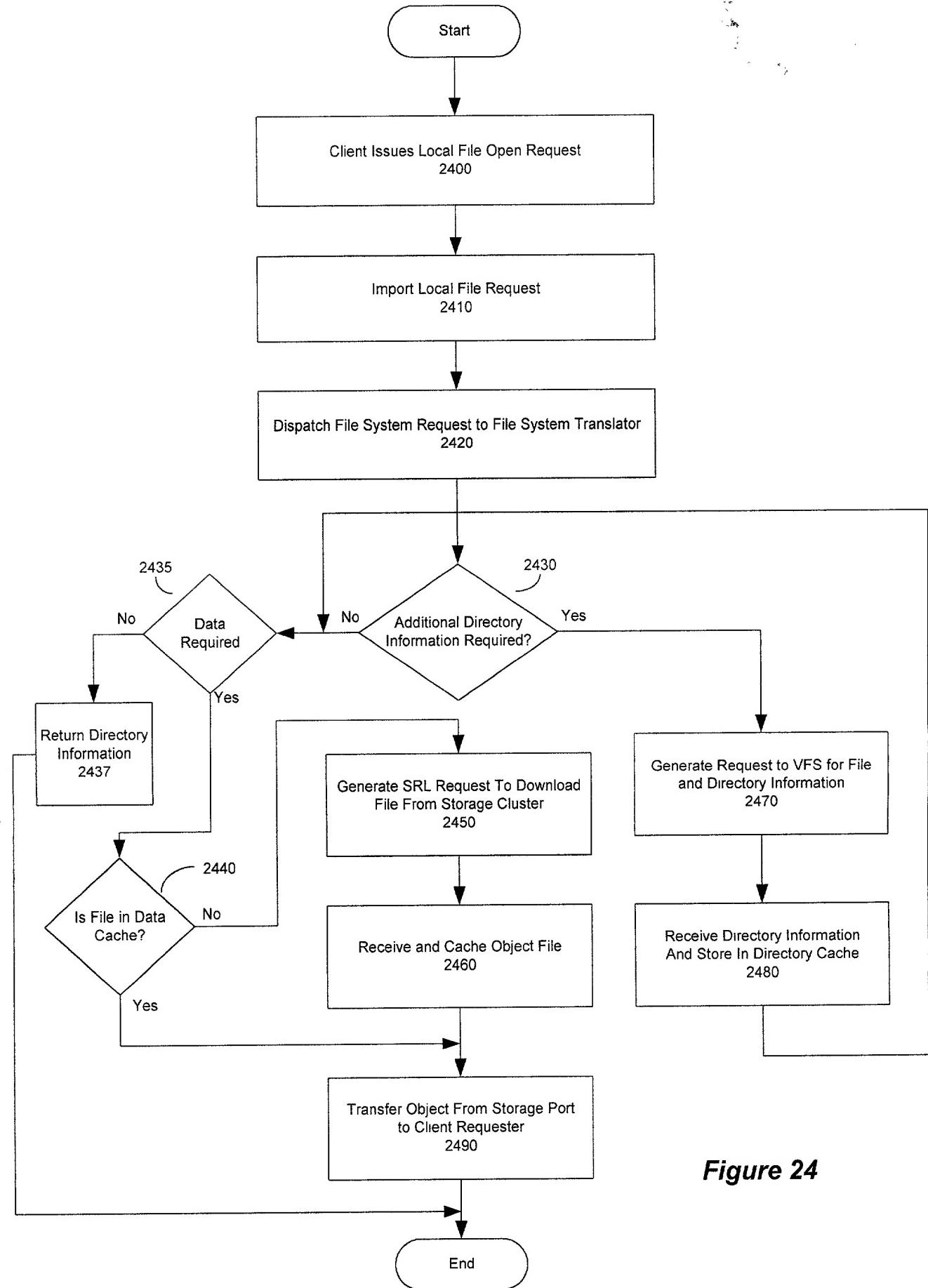


Figure 24

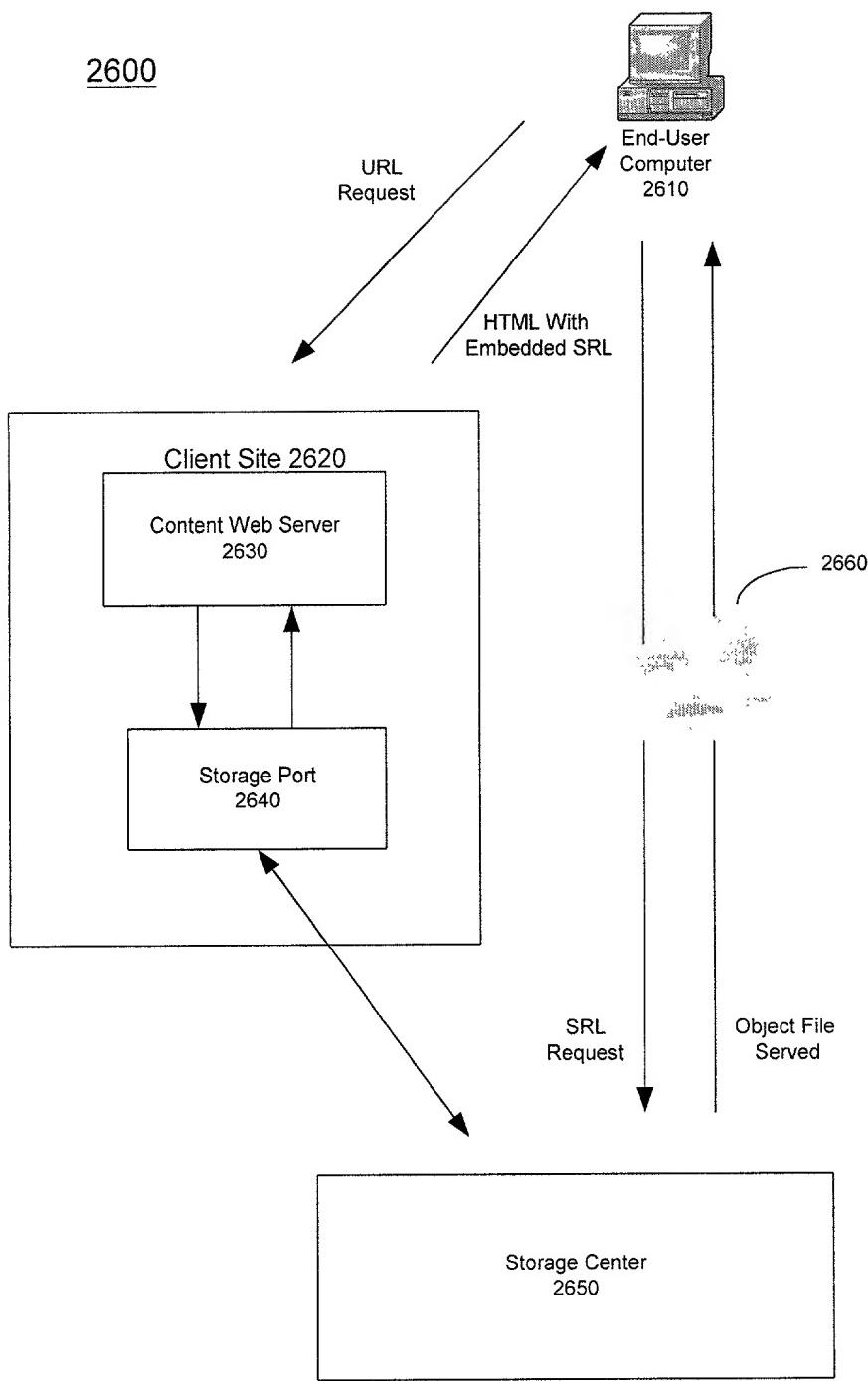


Figure 25

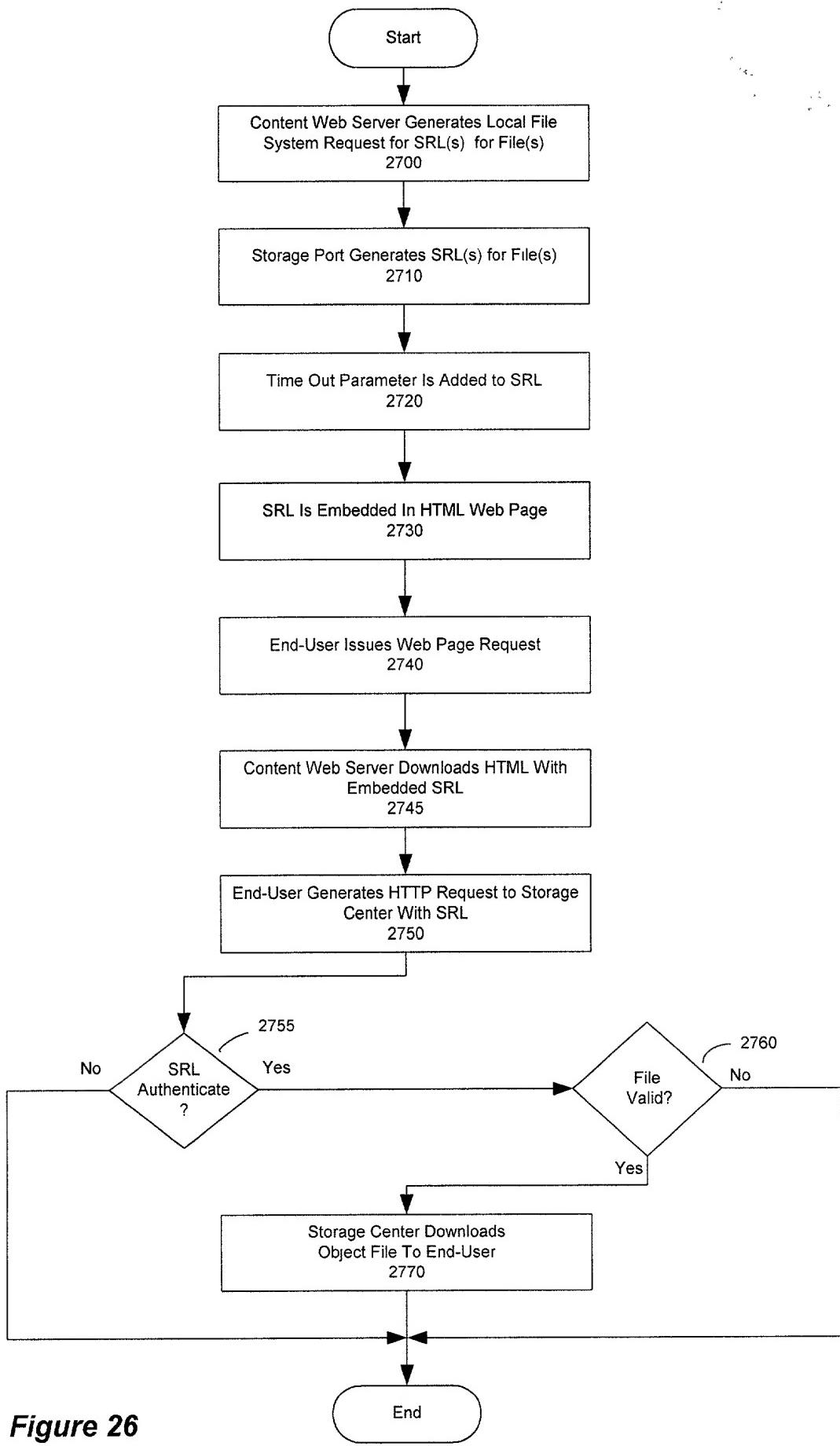


Figure 26

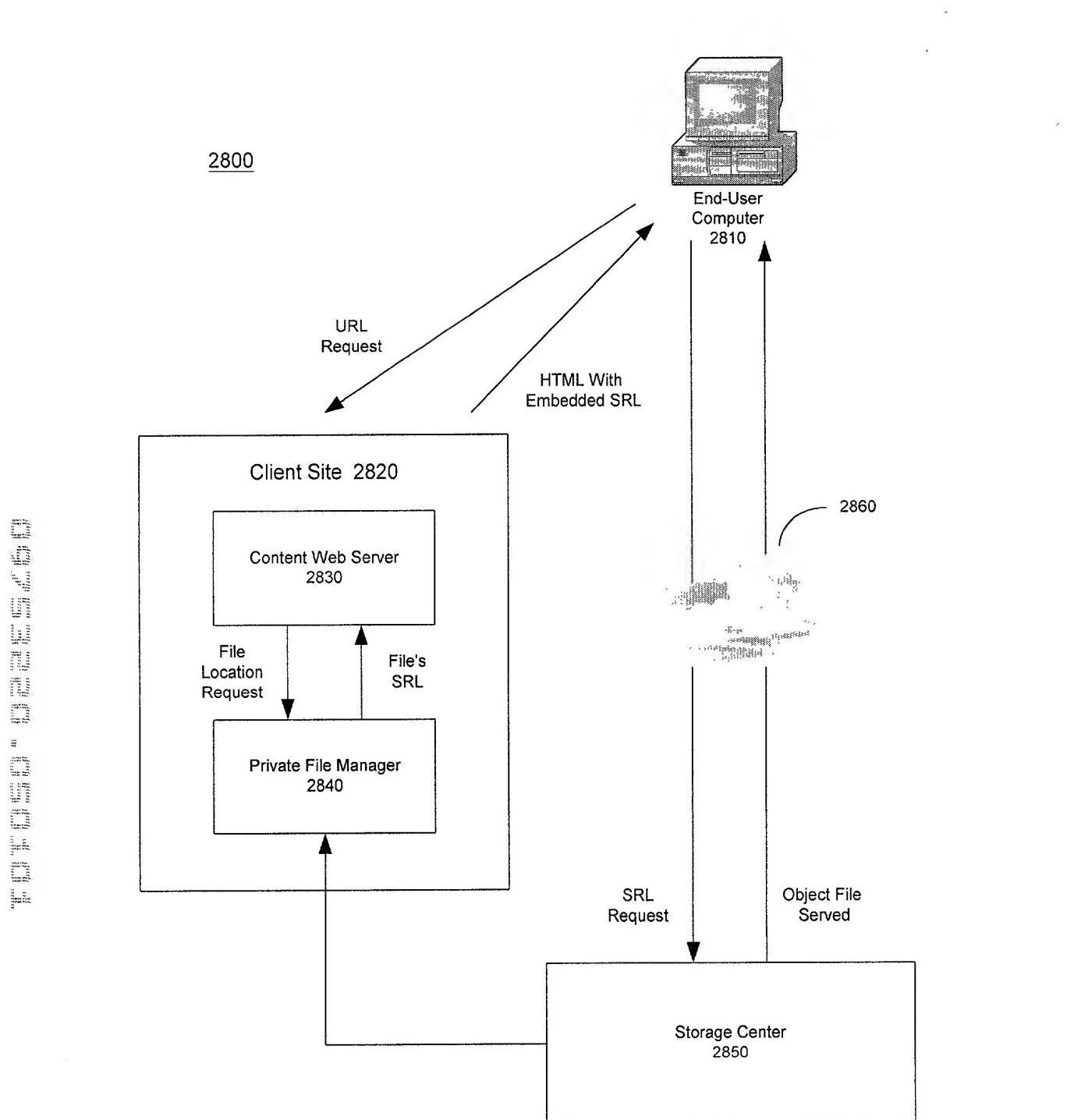


Figure 27

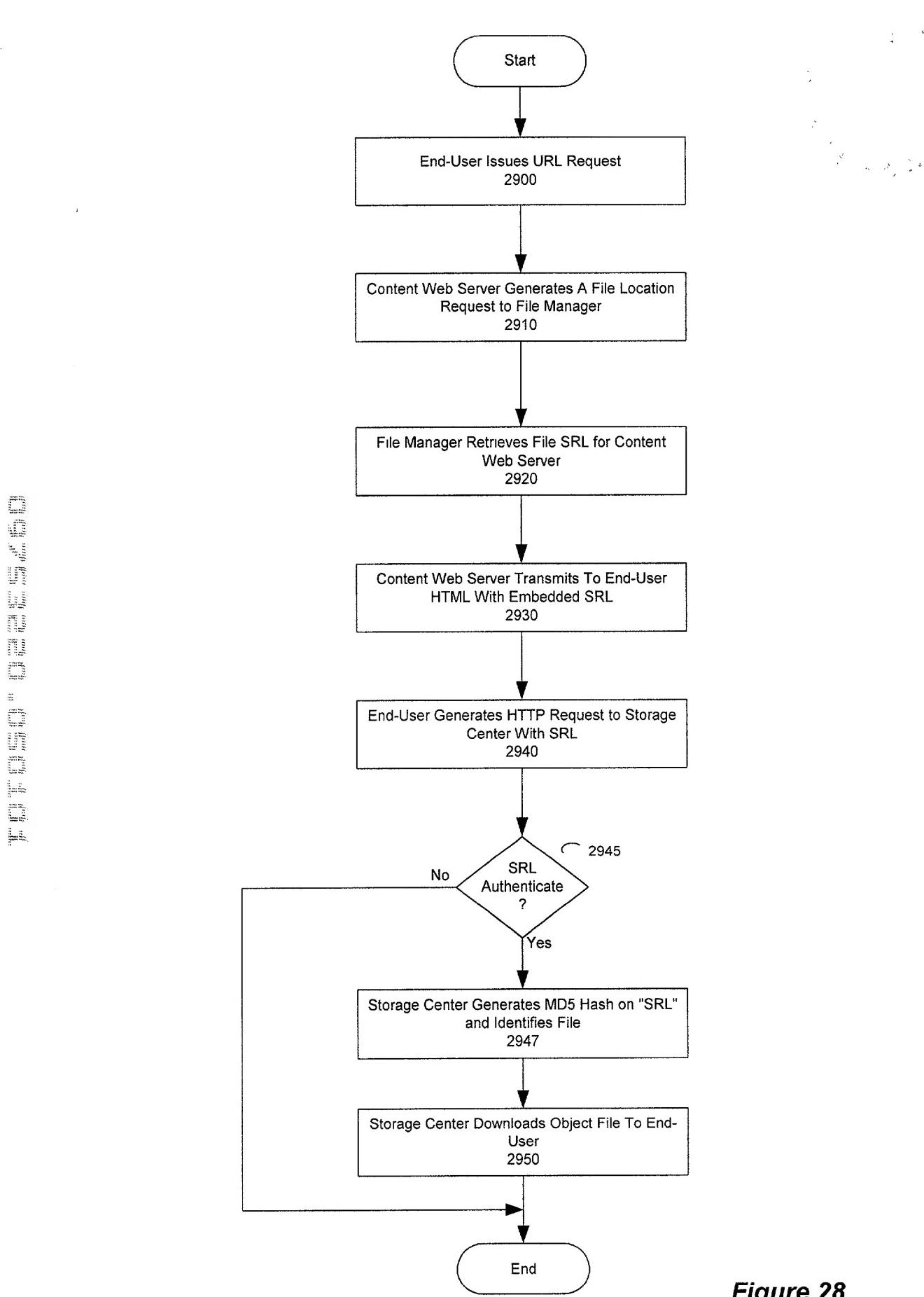


Figure 28

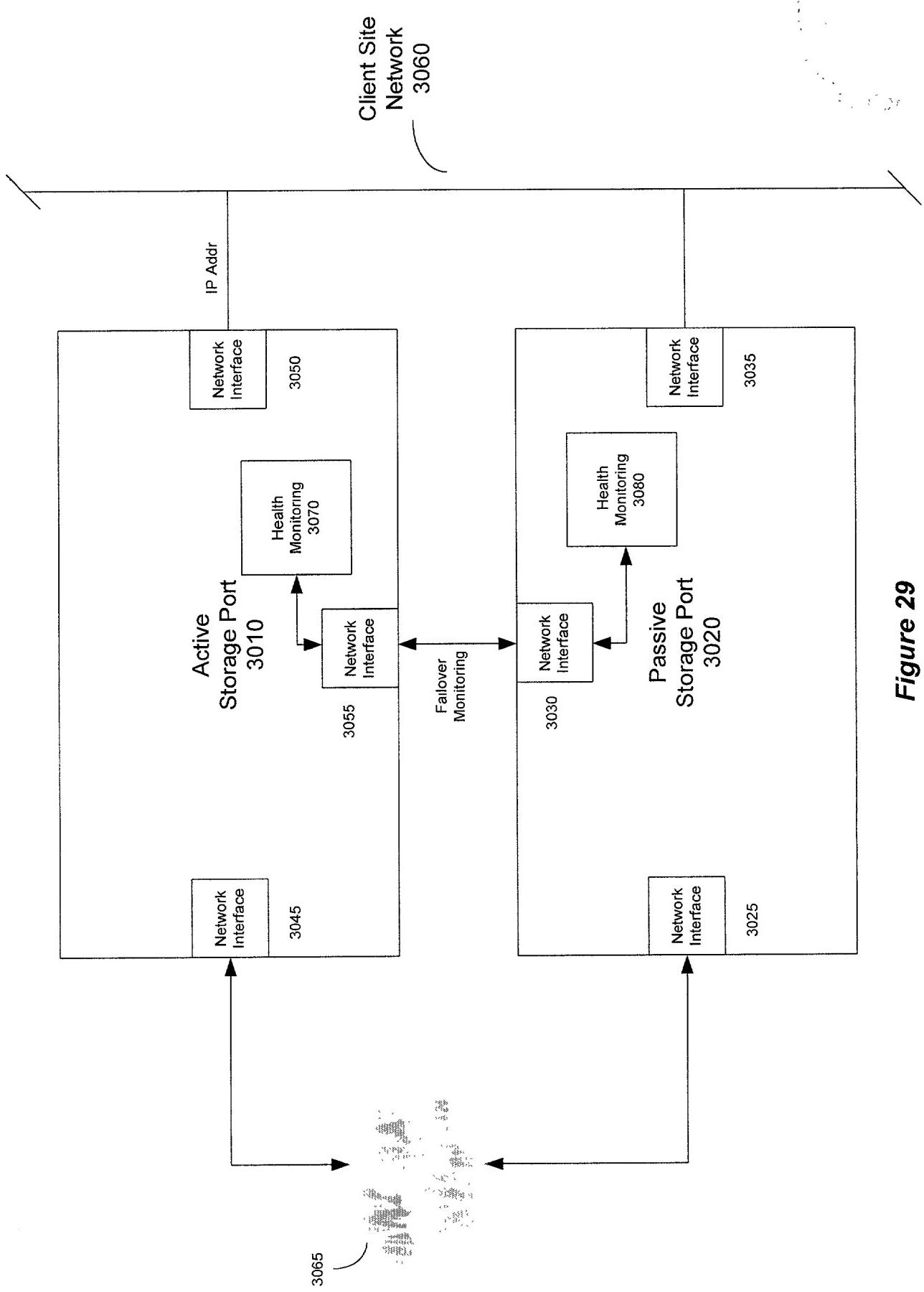


Figure 29

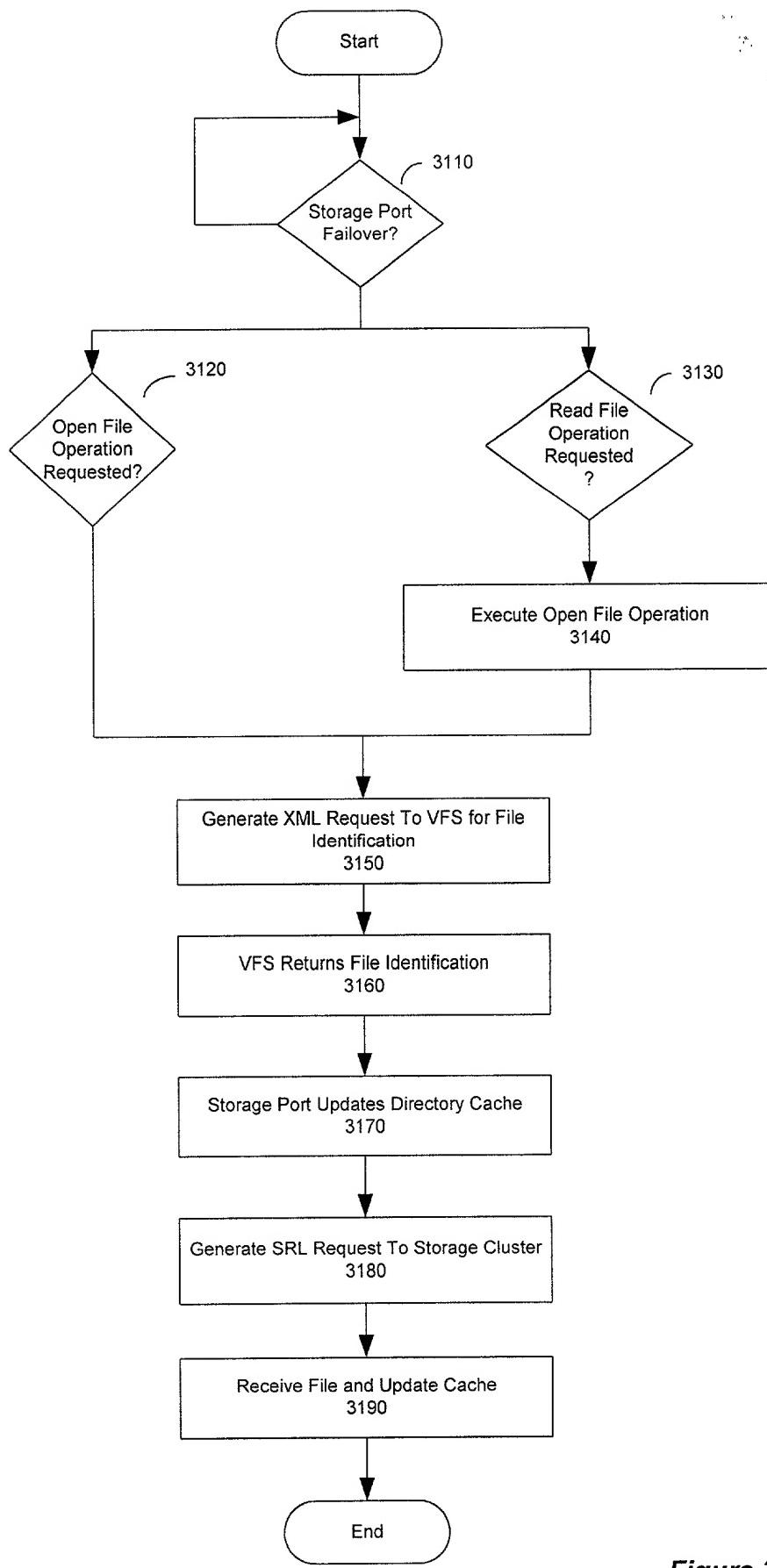


Figure 30

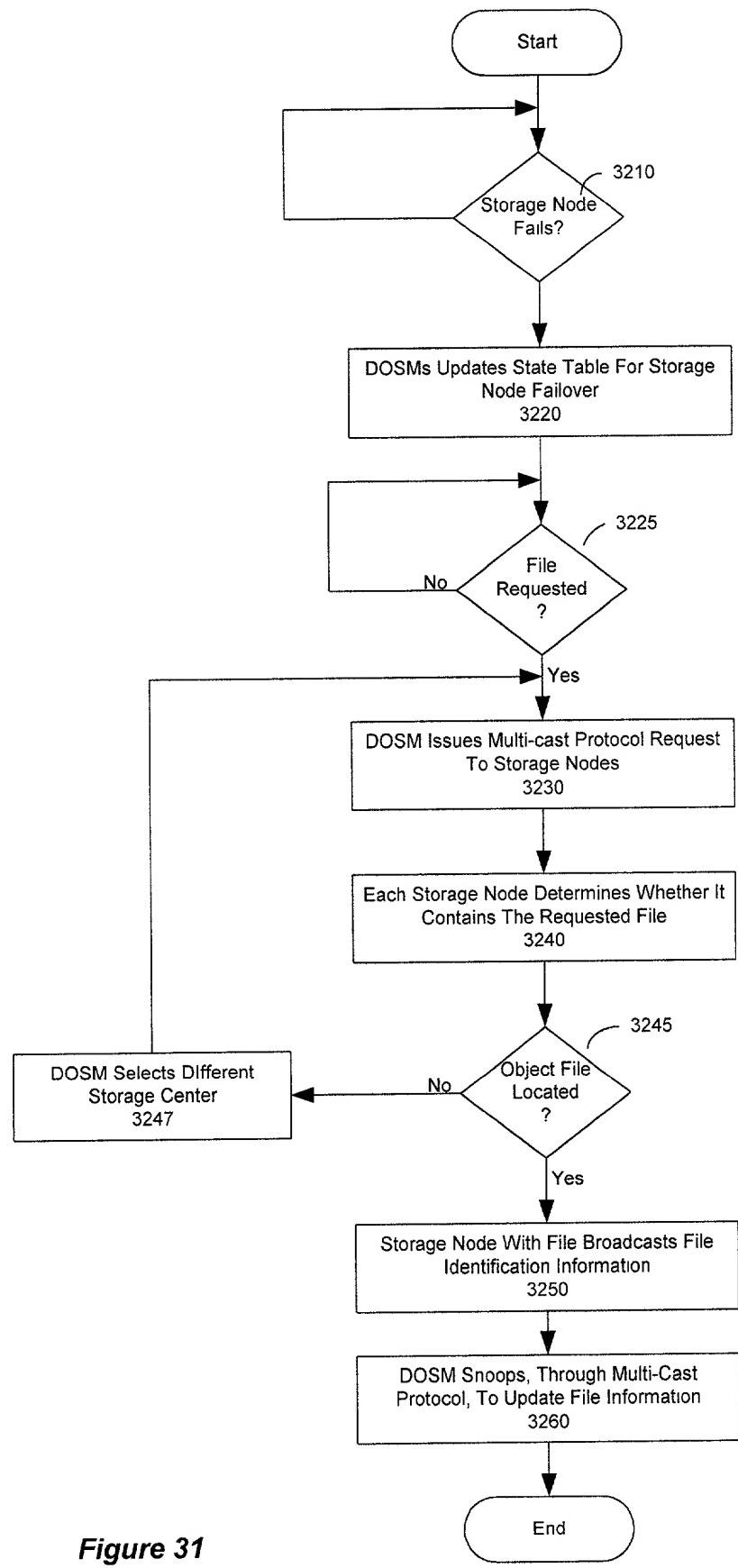


Figure 31